

FISCAL YEAR

2009



Defense Environmental Programs Annual Report to Congress

Prepared by the Office of the Under Secretary of Defense for Acquisition, Technology and Logistics

April 2010



THE UNDER SECRETARY OF DEFENSE

3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

ACQUISITION,
TECHNOLOGY
AND LOGISTICS

MAY 24 2010

The Honorable Joseph R. Biden, Jr.
President of the Senate
United States Senate
Washington, DC 20510

Dear Mr. President:

The Department of Defense is pleased to present the Fiscal Year (FY) 2009 Defense Environmental Programs Annual Report to Congress. The Department submits this report pursuant to section 2706 of Title 10 and to sections 9620(e)(5) and 9621(c) of Title 42, United States Code. The document provides a comprehensive review of DoD's budget trends and environmental performance. The Department made significant progress in achieving environmental program goals in FY 2009, as detailed in the enclosed Executive Summary.

My staff will post the report on the Defense Environmental Network and Information eXchange at <https://www.denix.osd.mil>. We appreciate the continued support of Congress for the Defense environmental programs.

A similar letter has been sent to the Speaker of the House of Representatives and to appropriate congressional committees.

Sincerely,

A handwritten signature in blue ink that reads "Ashton B. Carter".

Ashton B. Carter

Enclosure:
As stated



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MAY 24 2010

The Honorable Nancy Pelosi
Speaker
U.S. House of Representatives
Washington, DC 20515

Dear Madam Speaker:

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cc:
The Honorable John Boehner
Minority Leader

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Executive Summary

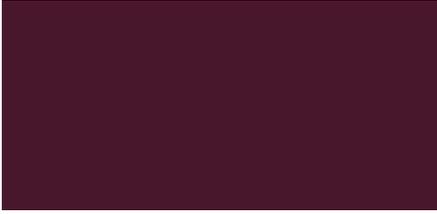
Over the past 10 years, the Department of Defense (DoD) has invested approximately \$42 billion to ensure the success of its environmental programs. In Fiscal Year (FY) 2009, DoD obligated approximately \$4.3 billion in resources for environmental activities.

The FY2009 Defense Environmental Programs Annual Report to Congress (DEP ARC) provides a comprehensive review of DoD's budget trends and environmental performance. The DEP ARC fulfills multiple statutory requirements, outlining how DoD uses Congressional funding to meet environmental program goals.

This year, DoD has changed the structure of the DEP ARC to present a more concise, agency-level report that clearly articulates DoD's environmental story to a wider audience. Chapters 1 through 10 report information at the DoD-level, and Appendix B provides DoD Component-level data to support the report.

The following outlines DoD's environmental programs, highlighting significant achievements for FY2009:

- **Natural and Cultural Resources:** DoD manages approximately 29 million acres of land across the United States, protecting natural resources and preserving history and culture. DoD funded 72 Legacy Resource Management Projects and increased the percentage of installations with completed Integrated Cultural Resource Management Plans (ICRMPs) from 69 to 81 percent.
- **Compliance:** DoD's operations are subject to federal, state, and local laws and regulations in the United States and environmental obligations overseas. DoD decreased new and open enforcement actions by 5 percent and 17 percent, respectively, and provided safe drinking water to 96 percent of the population (over 3.3 million people) served by DoD public water systems.
- **Pollution Prevention:** DoD employs a number of strategies to reduce pollution such as using alternative fuels, purchasing greener products, eliminating the use of ozone-depleting substances, and reducing the use of hazardous materials. DoD diverted 66 percent of construction and demolition debris from landfills and reduced hazardous waste disposal by nearly 14,000 tons.
- **Restoration:** The Restoration Program addresses hazardous substances, pollutants, contaminants, and military munitions remaining from past operations at active installations, Base Realignment and Closure (BRAC) installations, and Formerly Used Defense Site (FUDS) properties. DoD established remedies or completed cleanup at 86 percent of Installation Restoration Program sites and 43 percent of munitions response sites at active installations.



1 Defense Environmental Funding

The Department of Defense (DoD) funds its environmental programs at U.S. and overseas installations through an effective planning, programming, budgeting, and execution process that allocates financial resources to where they are needed. This budget and review process ensures that the DoD Components—Army, Navy and Marine Corps, Air Force, and the Defense agencies—identify and request adequate funding to meet mission, legal, and regulatory environmental requirements.

The DoD Components build their environmental cleanup budgets from the site-level up. The remaining environmental budgets are developed from the installation-level up. These site- and installation-level estimates form the basis for the environmental budget included in the overall Defense budget that the President submits to Congress.

Defense Environmental Funding at a Glance

Fiscal Year 2009 Funding: **\$4.3 billion**

Highlights:

- Decreased funding by **\$18.3 million** from FY2008 to FY2009
- Requested **\$4.2 billion** for environmental programs in FY2011

Overview

In FY2009, DoD obligated approximately \$4.3 billion for environmental activities: \$350.0 million for Natural and Cultural Resources; \$1.5 billion for Compliance; \$114.4 million for Pollution Prevention; \$1.5 billion for Environmental Restoration (ER) at active installations and Formerly Used Defense Site (FUDS) properties; \$532.2 million for environmental requirements at installations slated for Base Realignment and Closure (BRAC); and \$252.5 million for Environmental Technology (Figures 1-1 and 1-2). Although all of DoD's environmental programs work toward the same goal—maintaining readiness while protecting human health and the environment—each program has a unique focus and different funding needs. Despite annual funding fluctuations within the different program areas, the Department's level of investment for its entire environmental program remains stable.

Funding shown includes nonrecurring and recurring funding. Nonrecurring activities include one-time projects. Recurring activities include routine tasks that an installation conducts in support of its environmental programs. Examples of recurring activities include:

- Permits and fees
- Sampling, analysis, and monitoring
- Travel and supplies
- Data management and reporting
- Waste disposal
- Updates to environmental management plans

Although the Department reported recurring funds associated with Manpower and Education & Training for Natural and Cultural Resources, Compliance, and Pollution Prevention separately under Compliance in previous years, the Department began distributing these funds across the appropriate environmental program budgets beginning in FY2007. DoD includes Manpower funding for Restoration in the total program funds; it is not reported separately.

Management Practices

Most funding for DoD's Natural and Cultural Resources, Compliance, and Pollution Prevention Programs comes from the Operations and Maintenance (O&M) appropriations in the DoD Appropriations Act. DoD also uses funds obtained through the Military Construction, Military Quality of Life, and Veteran's Affairs Appropriations Act to build necessary facilities (e.g., wastewater treatment plants). Other notable appropriations include:

- Procurement (PROC)
- Research, Development, Testing, and Evaluation (RDT&E)
- Defense Working Capital Fund (DWCF)

Special programs also provide funds for natural resources management through the sale of forest products; leases of land for agriculture and grazing; and the sale of licenses for hunting, fishing, and trapping.

The Compliance Program (and to a lesser degree, Natural and Cultural Resources and Pollution Prevention Programs) includes funding for environmental activities at overseas installations, such as activities required to comply with existing treaties, laws, and other agreements (i.e., the Final Governing Standards).

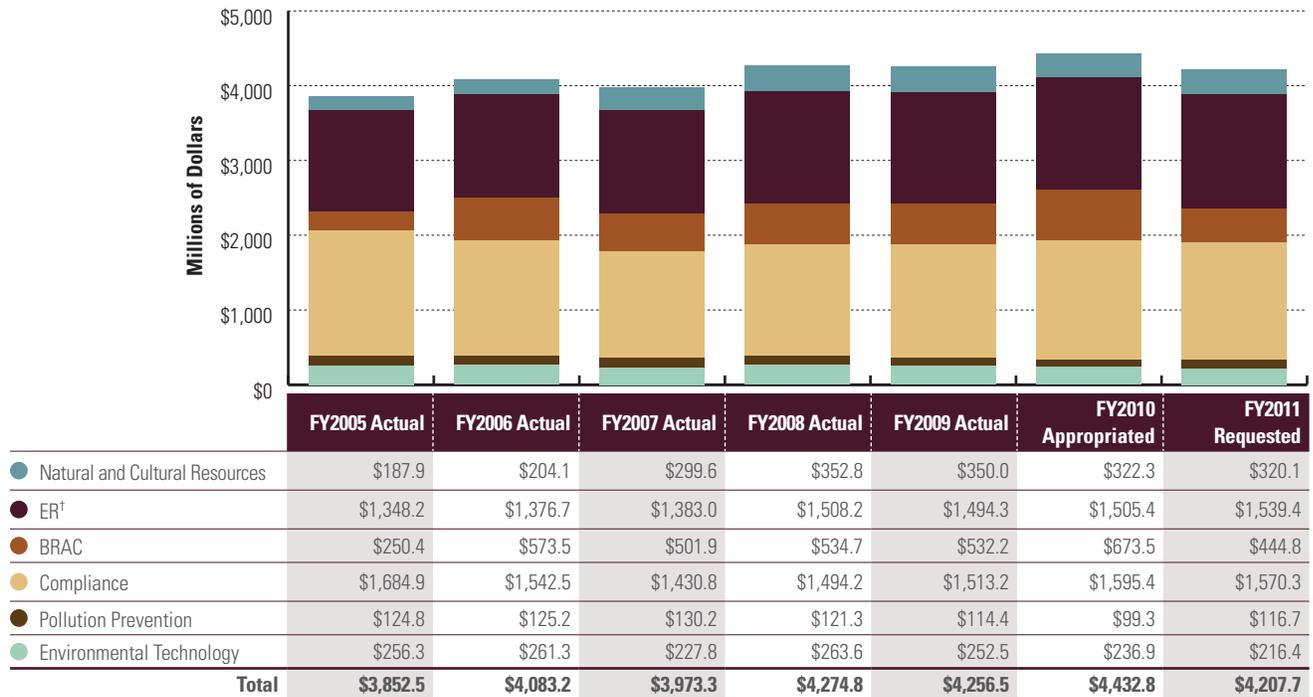
DoD funds activities within the Defense Environmental Restoration Program through the ER and BRAC accounts. The ER accounts fund cleanup activities at active military installations and FUDS properties within the United States and its territories. Separate appropriations fund cleanup activities at BRAC installations, which address closure-related environmental cleanup, planning, and compliance activities. The Department funds restoration activities outside the United States through the Compliance Program.

Chapter Contents

This chapter summarizes budget information for the following Defense environmental programs:

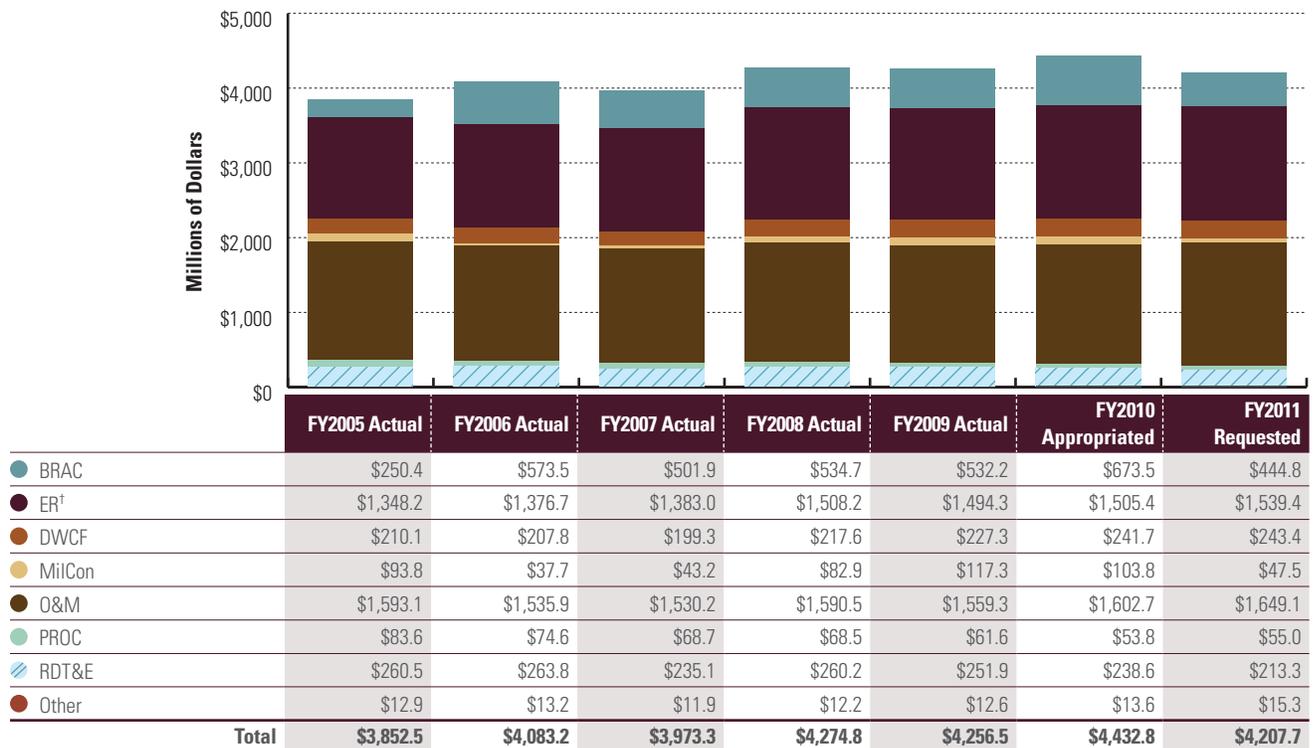
- Natural and Cultural Resources
- Compliance
- Pollution Prevention
- Restoration
- Environmental Technology
- Overseas Environmental Activities

Figure 1-1 DoD Environmental Funding by Program Area*



* Subtotals may not equal fiscal year totals due to rounding.
 † Includes funding for FUDS properties.

Figure 1-2 DoD Environmental Funding by Appropriation*



* Subtotals may not equal fiscal year totals due to rounding.
 † Includes funding for FUDS properties.

Natural and Cultural Resources

During FY2009, DoD committed the following resources to its environmental programs:

- Obligated **\$350.0 million** for natural and cultural resources
- Decreased funding for natural and cultural resources by **\$2.8 million** since the previous year

Through the Natural and Cultural Resources Programs, the Department invests in conserving, protecting, and restoring natural and cultural resources located on and near its installations in order to enhance and protect the military mission. DoD establishes policy and provides funding to manage and protect the following:

- Natural Resources—flora and fauna with additional emphasis on threatened, endangered, and at-risk species; rivers and other waters; wetlands; soil; and air.
- Cultural Resources—archaeological sites, historic buildings, relics of prior civilizations, recovered artifacts, and other national historic treasures.

In addition to protecting natural and cultural resources, funding also includes DoD’s efforts to work with surrounding communities to reduce the impact of development that would inhibit training and adversely affect mission accomplishment.

Recurring funds finance continuous management activities, such as:

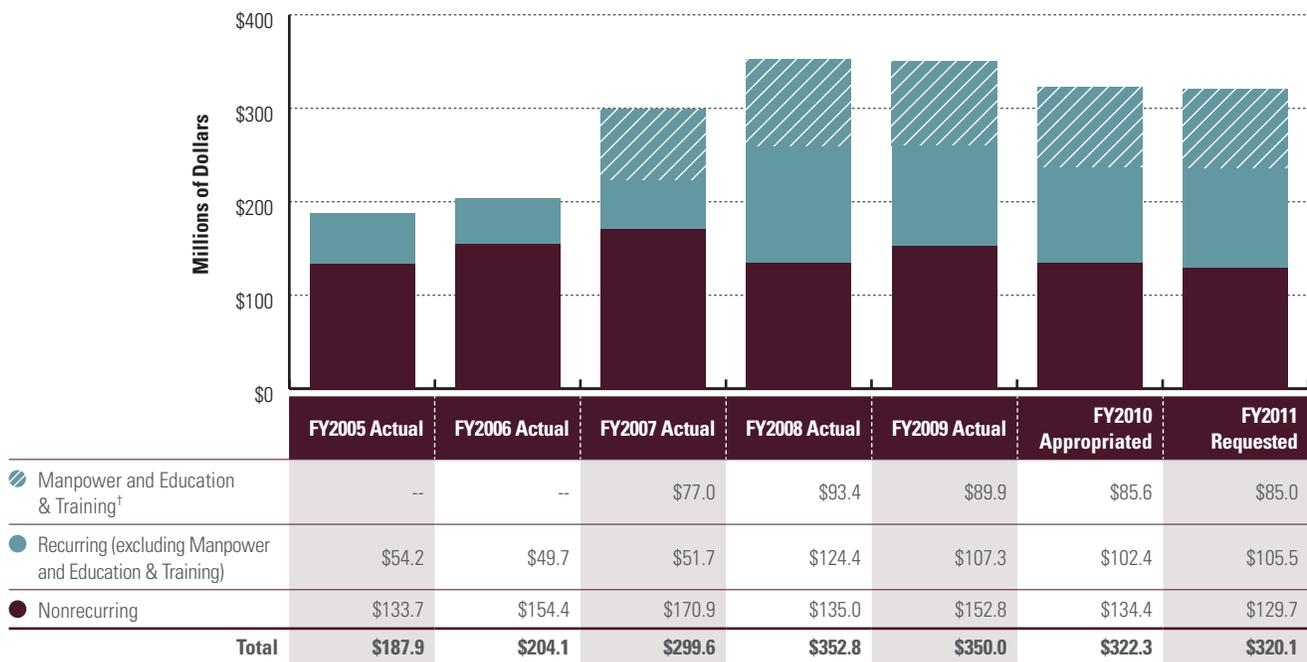
- Preparing and updating natural and cultural resource management plans and inventories
- Coordinating with conservation regulatory agencies
- Monitoring threatened, endangered, and at-risk species
- Continuing protection of archaeological sites
- Invasive species control
- Ongoing erosion control measures.

Nonrecurring activities are one-time efforts to address unique or specific requirements, such as consultation activities under the Endangered Species Act, mitigation for specific actions, reforestation, or creation of new habitat. The nonrecurring category is divided into two subcategories to identify funds for natural resources, and historical and cultural resources. Natural resources funds include threatened and endangered species, wetlands protection, and other natural resources. Examples of nonrecurring activities under other natural resources include:

- Habitat restoration
- Volunteer and partnering programs
- Public awareness programs.

Cultural resources nonrecurring funds include baseline inventories of historic buildings, initial archaeological materials curation, and consultations with Native American groups.

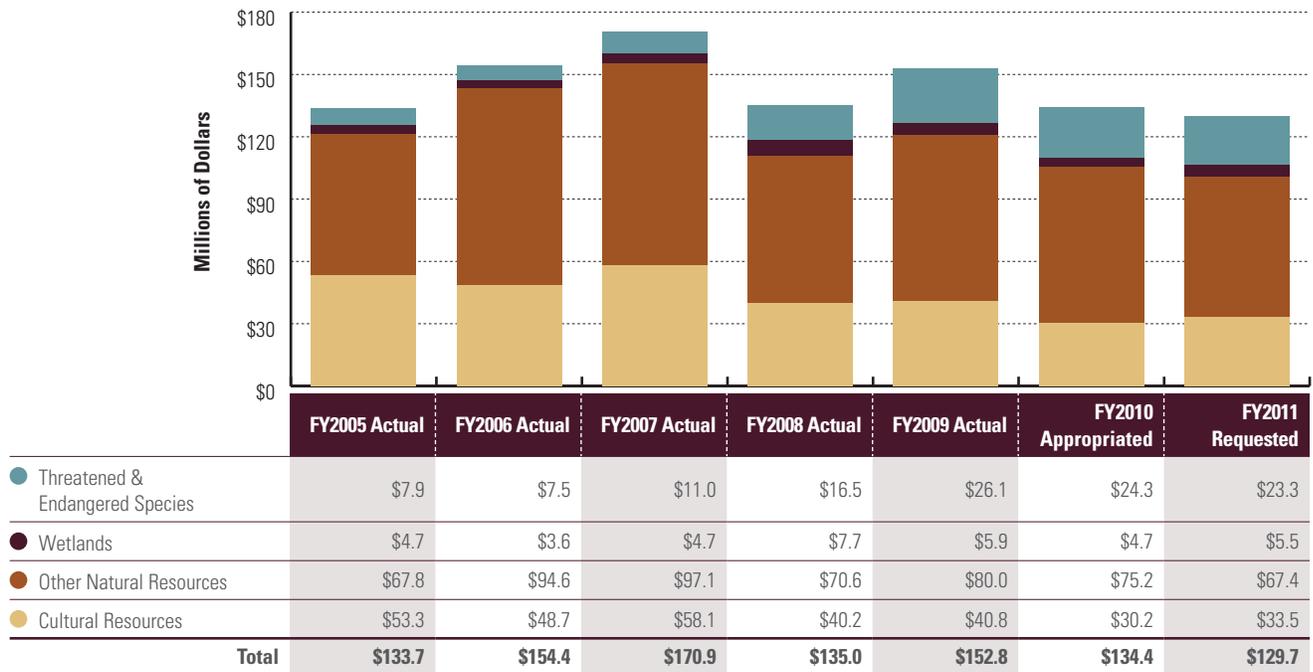
Figure 1-3 DoD Natural and Cultural Resources Recurring and Nonrecurring Funding*



* Subtotals may not equal fiscal year totals due to rounding.

† Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

Figure 1-4 DoD Natural and Cultural Resources Nonrecurring Funding



The DoD Components obligated \$350.0 million in FY2009 for natural and cultural resources (Figure 1-3), which is consistent with the previous year. The Department allocated over 40 percent of the funds for nonrecurring projects to perform one-time activities. The increase in funding from FY2007 to FY2008 was the result of a greater emphasis on threatened and endangered species and an increase in the Army's recurring activities. The FY2011 funding request of \$320.1 million is 9 percent less than the FY2009 obligation due to fewer one-time projects.

In addition to the \$26.1 million in funding for threatened and endangered species, shown in Figure 1-4, a major portion of recurring and nonrecurring other natural resources funding also contributes to threatened and endangered species management. As a result, DoD spends in excess of \$40 million annually to protect threatened and endangered species. This reflects the significant value that military and civilian personnel place on maintaining compliance with the Endangered Species Act.

Chapters 3 and 4 describe the Department's performance within the Natural and Cultural Resources Programs, respectively. Appendix B, Figure B-1.1 contains Natural and Cultural Resources funding data by DoD Component.

Compliance

During FY2009, DoD committed the following resources to its environmental programs:

- Invested **\$1.5 billion** for compliance activities
- Increased funding for the Compliance Program by **\$19.0 million** since the previous year

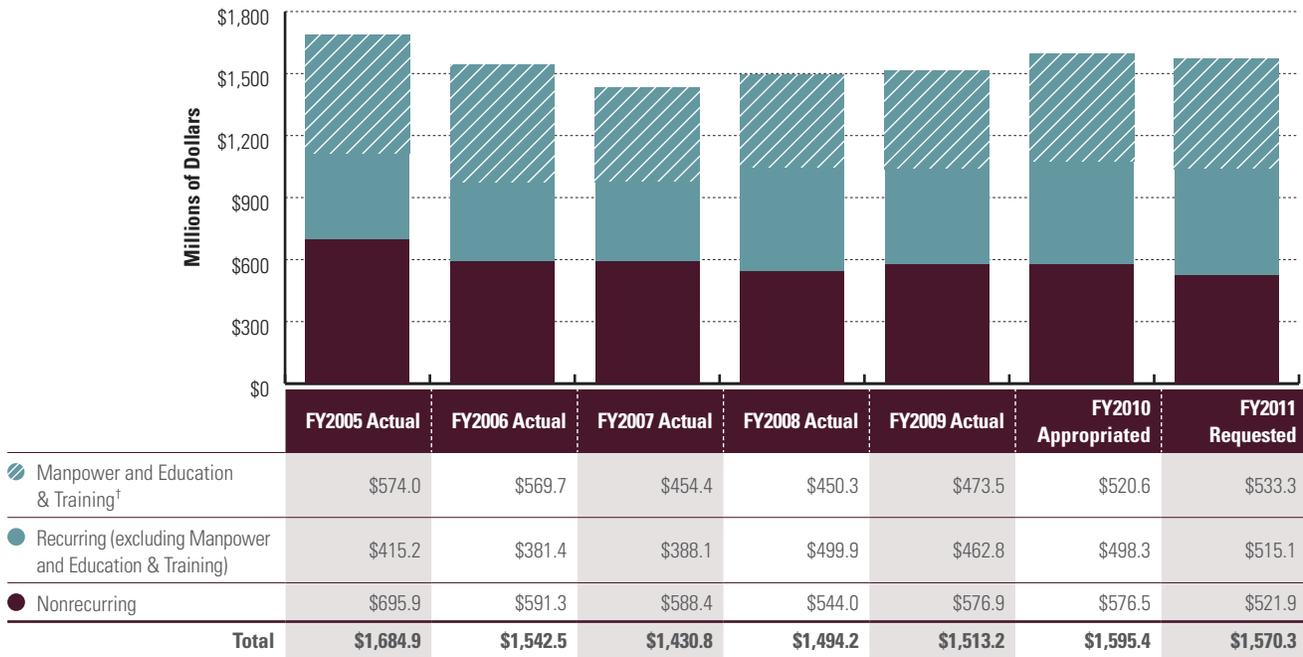
DoD complies with the same federal, state, and local environmental laws and regulations that apply to the civilian communities that surround our military facilities. Recurring compliance funding is used to cover the relatively constant activities that an installation must perform to maintain compliance with environmental regulations and permit requirements. These activities can include:

- Routine sampling and analysis of discharges to air and water
- Hazardous waste disposal
- Management of National Pollutant Discharge Elimination Systems
- Updates to Clean Air Act inventories
- Environmental self-assessments

Nonrecurring compliance activities address one-time events, such as projects to upgrade wastewater treatment facilities or install air pollution controls to meet existing standards.

In FY2009, DoD obligated \$1.5 billion for the Compliance Program (Figures 1-5 and 1-6), which is consistent with previous years. Significant increases in nonrecurring compliance funds are primarily driven by military

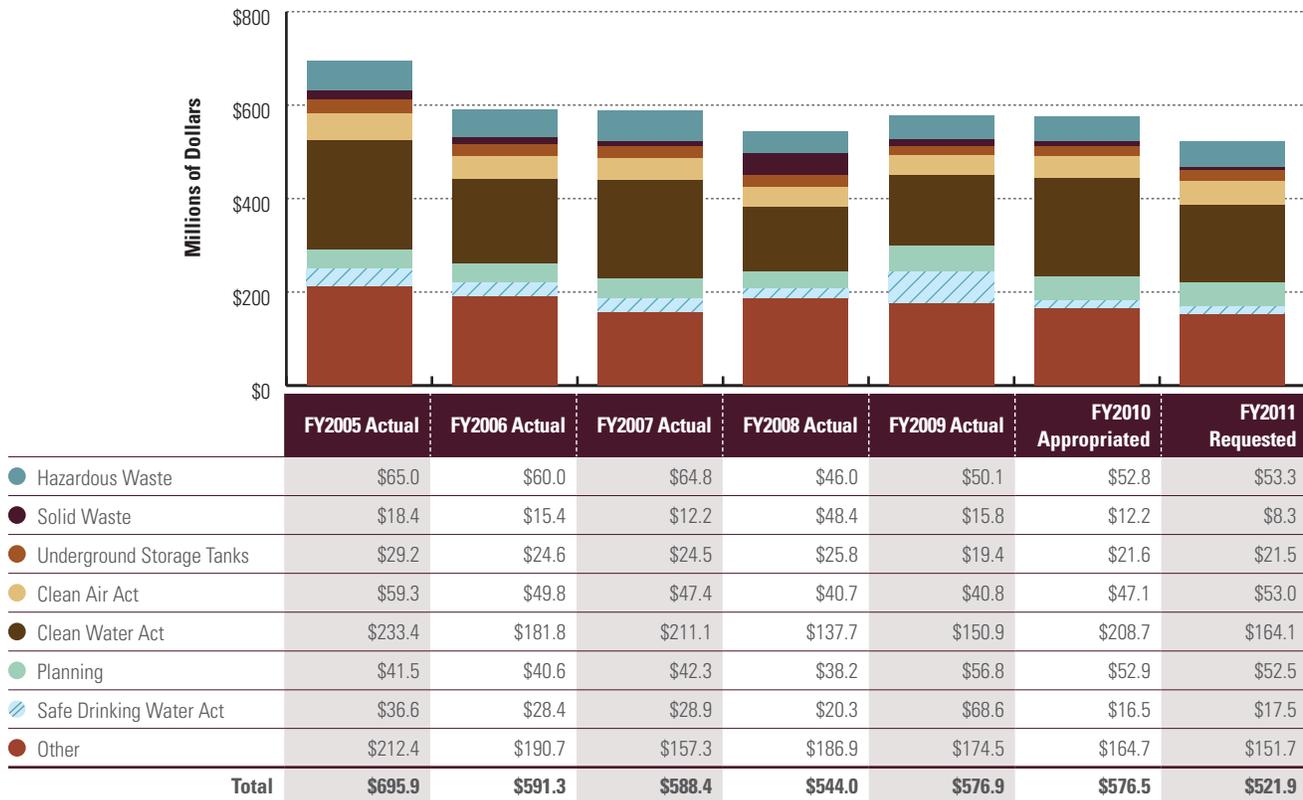
Figure 1-5 DoD Compliance Recurring and Nonrecurring Funding*



* Subtotals may not equal fiscal year totals due to rounding.

† Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

Figure 1-6 DoD Compliance Nonrecurring Funding*



* Subtotals may not equal fiscal year totals due to rounding.

construction projects to address Clean Water Act (CWA) requirements at fuel storage and distribution facilities and the construction of drinking water treatment plants. Other nonrecurring funds—including funding for radon and asbestos investigations and mitigation, spill response plans, action to prevent pollution prevention from ships, and addressing munitions constituents on operational ranges—remain high but continue to decrease. In FY2008, solid waste funding increased due to two Marine Corps military construction projects at Camp Lejeune and Twentynine Palms landfills. In FY2009, Safe Drinking Water Act funding more than tripled as a result of a military construction project at Camp Pendleton.

Chapter 6 describes the Department’s performance within the Compliance Program. Appendix B, Figure B-1.2 contains Compliance funding data by DoD Component.

Pollution Prevention

During FY2009, DoD committed the following resources to its environmental programs:

- Invested **\$114.4 million** for pollution prevention activities
- Decreased funding for the Pollution Prevention Program by **\$6.9 million** since the previous year

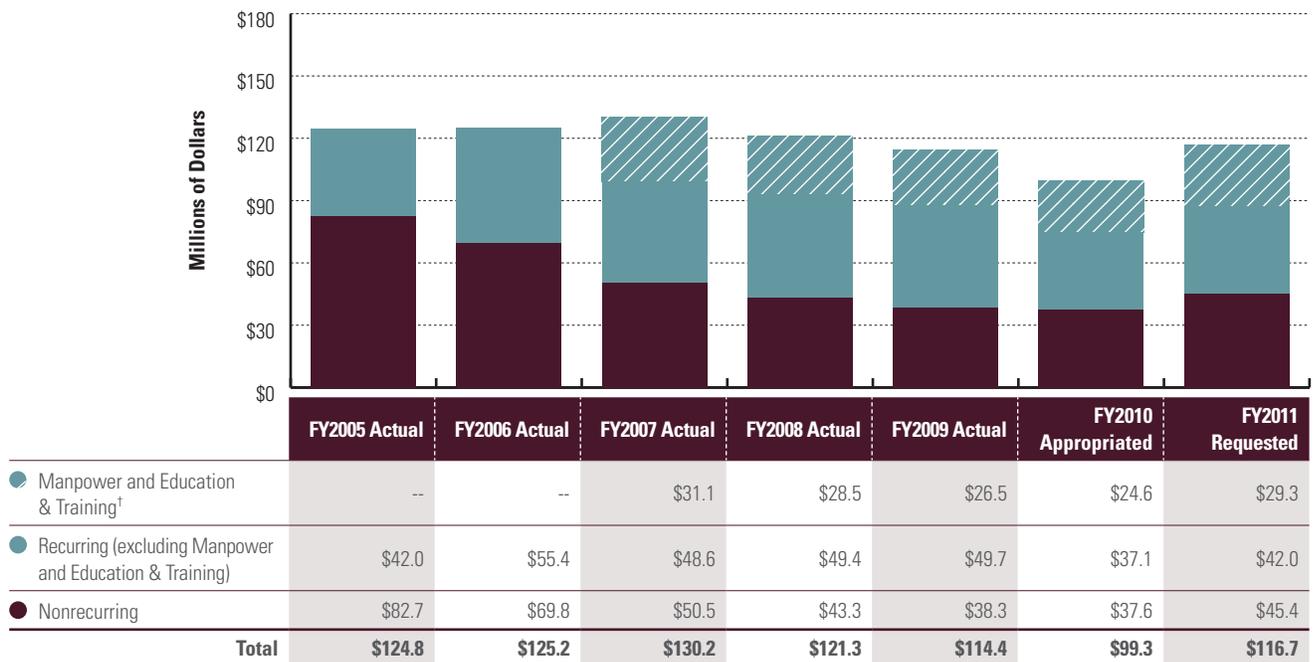
DoD employs pollution prevention efforts not only to minimize health and safety risks to its personnel and residents of nearby communities but also to reduce operating and compliance costs. The Pollution Prevention Program also enhances the military’s operating capacity by minimizing the infrastructure required to manage hazardous materials used in support of the Department’s mission. As a result, DoD’s pollution prevention investments have the potential to reduce costs Department-wide.

Recurring pollution prevention investments include the following:

- Manpower and Education & Training
- Supplies
- Travel
- Data management
- Toxics Release Inventory
- Other reporting activities

Hazardous material reduction and CWA requirements are the priorities within the nonrecurring budget. These nonrecurring projects are significant drivers in reducing compliance costs. Other nonrecurring activities may include efforts to prepare and implement an acquisition strategy for alternative-fuel vehicles (excluding vehicle purchases

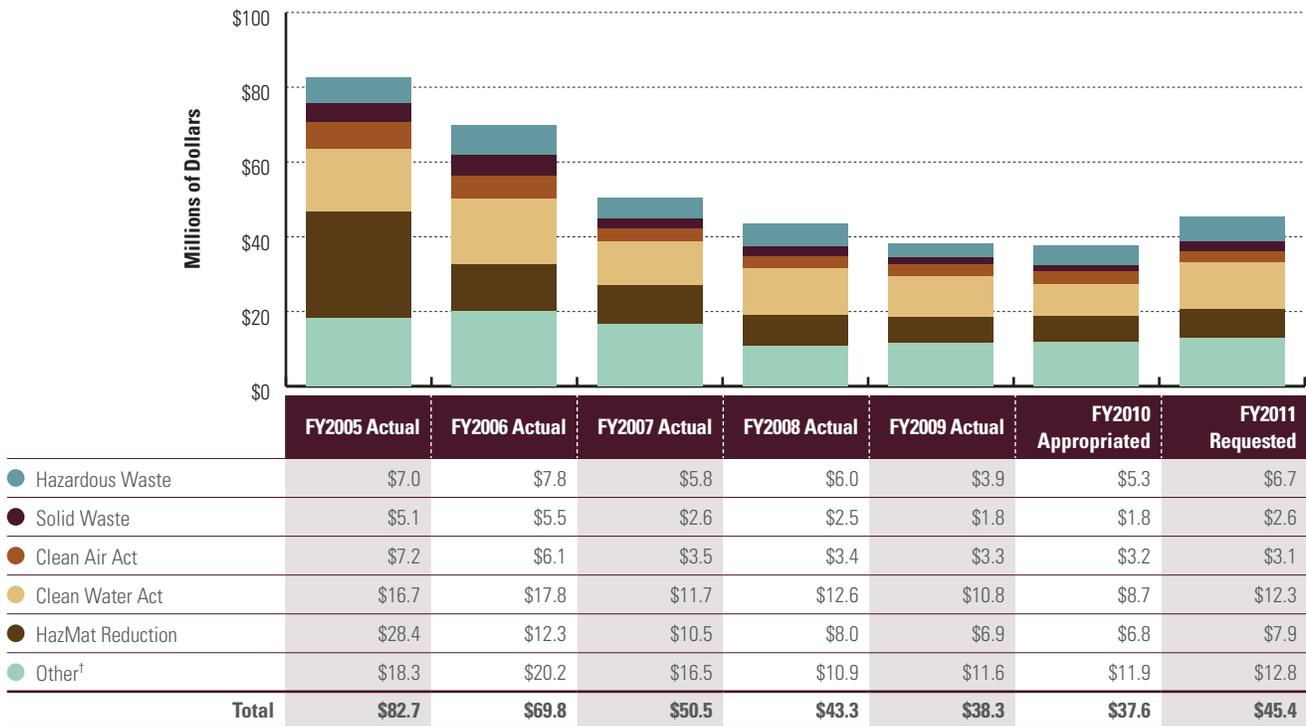
Figure 1-7 DoD Pollution Prevention Recurring and Nonrecurring Funding*



* Subtotals may not equal fiscal year totals due to rounding.

† Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

Figure 1-8 DoD Pollution Prevention Nonrecurring Funding*



* Subtotals may not equal fiscal year totals due to rounding.

† Includes Safe Drinking Water Act.

or leases) and conversion of regular vehicles to alternative fuels. Pollution prevention nonrecurring funds fluctuate due to the completion or addition of one-time projects.

DoD obligated \$114.4 million for the Pollution Prevention Program in FY2009 (Figures 1-7 and 1-8), which represents a 6 percent decrease from the previous year. The FY2011 funding request increased to \$116.7 million primarily as a result of an influx in Army and Air Force recurring and nonrecurring activities. The funding request for FY2011 will continue to support efforts that target hazardous materials, solid waste, toxic releases, air emissions, and water pollution at the source. These activities are part of DoD’s overall sustainability strategy, recognizing that significant cost savings and beneficial environmental outcomes can result from such endeavors.

Chapter 7 describes the Department’s performance within the Pollution Prevention Program. Appendix B, Figure B-1.3 contains Pollution Prevention funding data by DoD Component.

Restoration

During FY2009, DoD committed the following resources to its environmental programs:

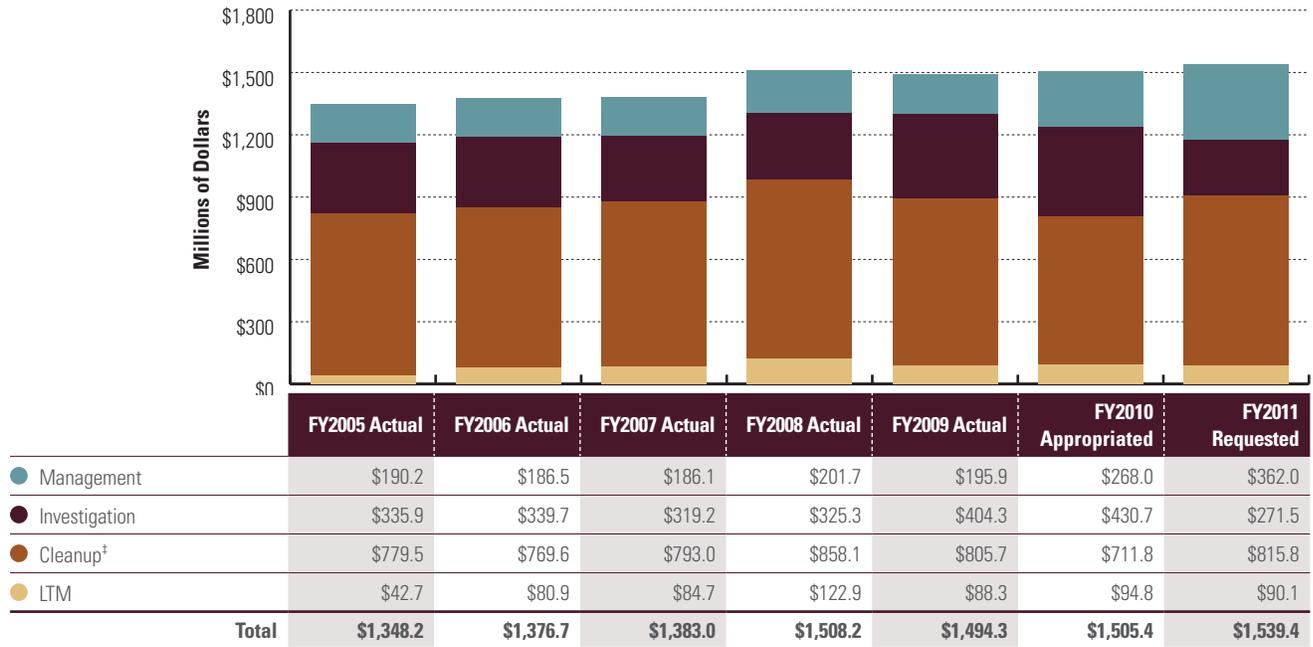
- Obligated **\$1.5 billion** in ER funding for environmental restoration activities at active installations and FUDS properties (Figure 1-9)
- Obligated an additional **\$532.2 million** for environmental activities at BRAC installations (Figure 1-10)

Of the \$2.0 billion obligated for restoration activities, \$1.5 billion funded cleanup of hazardous substances, pollutants, and contaminants from past DoD activities through the Installation Restoration Program (IRP), and \$420.4 million funded cleanup of unexploded and discarded munitions through the Military Munitions Response Program (MMRP).

ER Account Funding

The ER accounts fund environmental restoration activities at active installations and FUDS properties. Of the \$1.5 billion obligated for ER activities in FY2009, \$1.1 billion funded cleanup activities under the IRP and \$344.5 million funded cleanup under the MMRP (Figure 1-11).

Figure 1-9 DoD ER Funding by Cleanup Phase*†

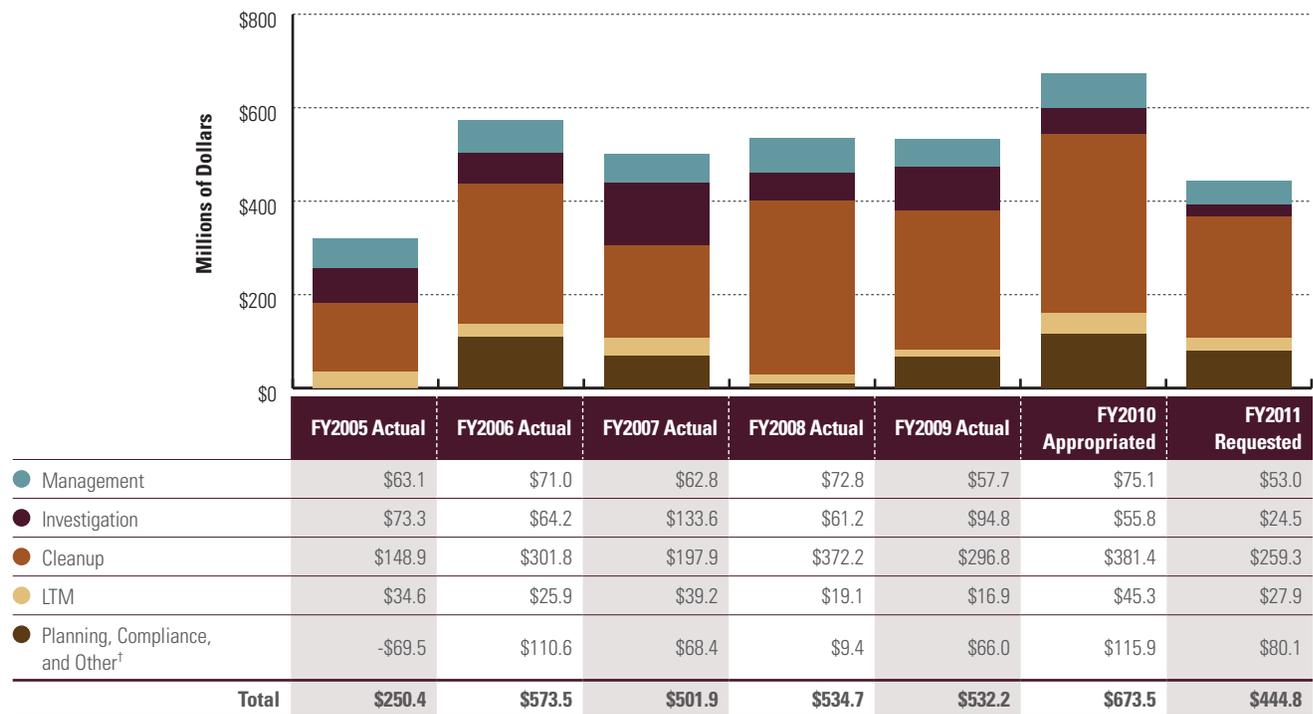


* Subtotals may not equal fiscal year totals due to rounding.

† Includes funding for FUDS properties.

‡ Includes funding for BD/DR sites.

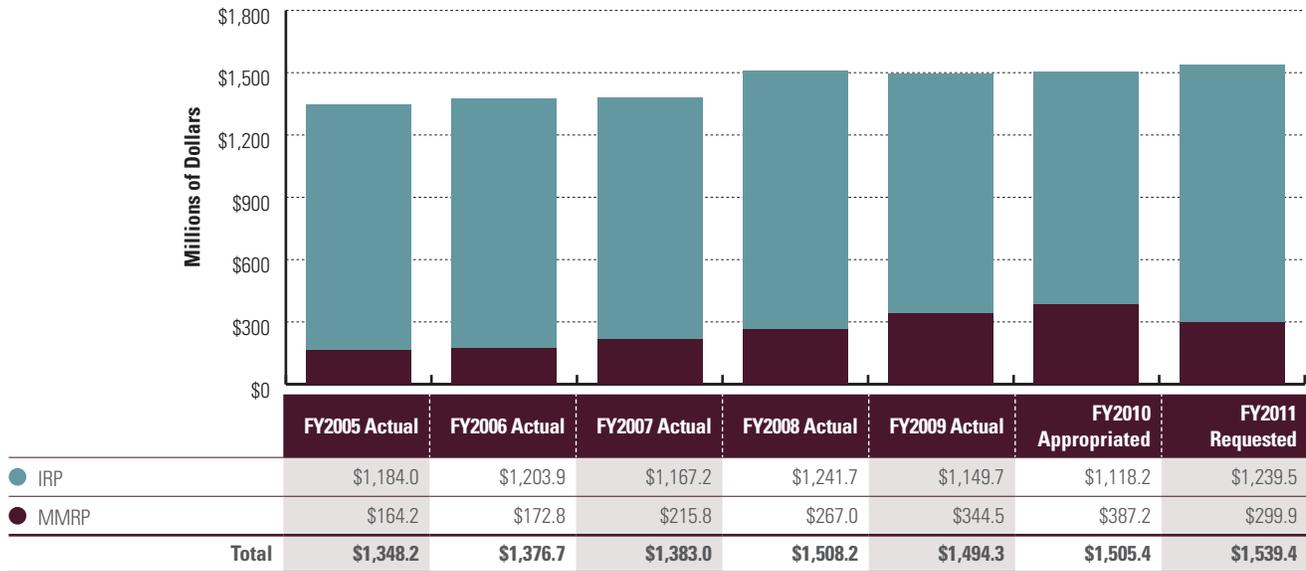
Figure 1-10 DoD BRAC Restoration Funding by Cleanup Phase*



* Subtotals may not equal fiscal year totals due to rounding.

† Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds funding for planning and compliance activities.

Figure 1-11 DoD ER IRP* and MMRP Funding†



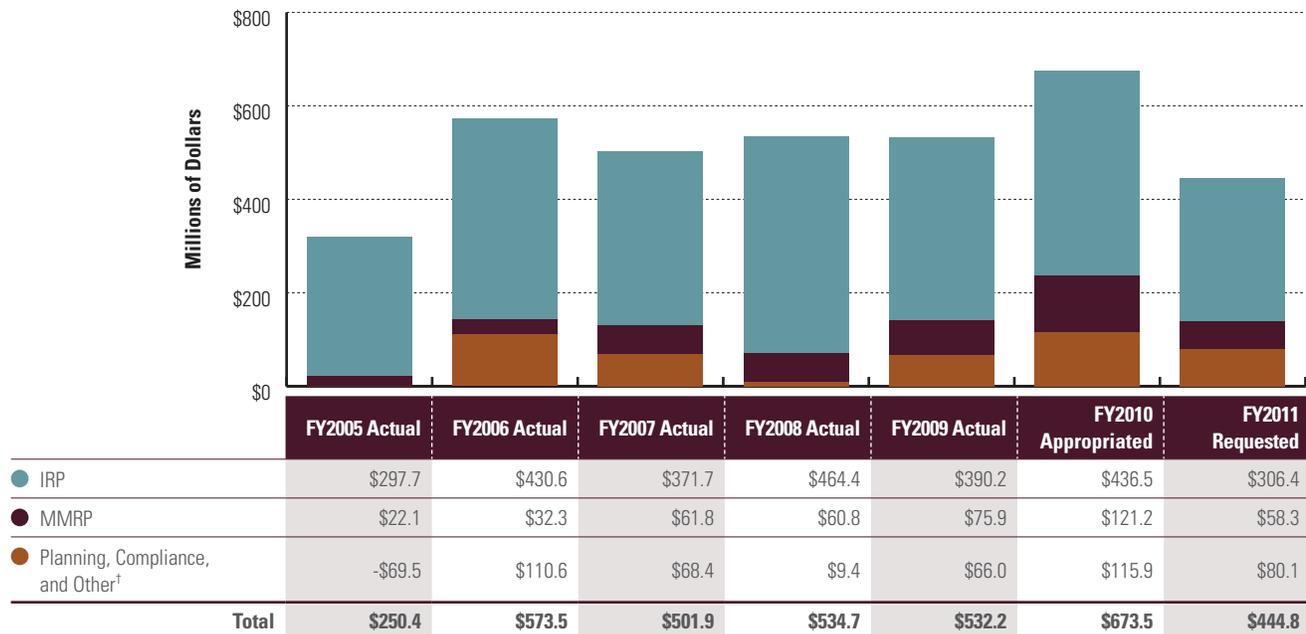
* Includes funding for BD/DR sites.
 † Includes funding for FUDS properties.
 ‡ Subtotals may not equal fiscal year totals due to rounding.

The Department continues to invest a significant portion of IRP funding in its remaining high relative risk sites. As the amount of funding required to cleanup these sites decreases, priorities will shift to medium relative risk sites. DoD has set a goal for implementing remedies at all medium relative risk sites at active installations and

FUDS properties by the end of FY2011, which explains the increase in ER funding for cleanup phases to \$815.8 million in FY2011 (Figure 1-9).

DoD also continues to investigate and prioritize munitions response sites and implement cleanup remedies in support of MMRP goals. The Department has set a goal for completing site inspections at all munitions response

Figure 1-12 DoD BRAC IRP and MMRP Funding*



* Subtotals may not equal fiscal year totals due to rounding.
 † Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds funding for planning and compliance activities.

sites at active installations and FUDS properties by the end of FY2010, which explains the decrease in ER funding for investigation phases to \$271.5 million in FY2011 (Figure 1-9).

Funding amounts for FY2005 through FY2011 also reflect the transfer of funds from the ER accounts to the BRAC accounts for cleanup activities at sites impacted by BRAC 2005. These funding shifts are permanent.

New requirements to address emerging contaminants (e.g., perchlorate; naphthalene; and 1,4-dioxane) also drive investments in cleanup. The Department will continue to modify its plans and programs to meet these challenges and adjust total cleanup cost-to-complete estimates accordingly.

Chapter 8 describes the Department’s performance within the Restoration Program. Appendix B, Figure B-1.4 contains ER funding data by DoD Component.

BRAC Environmental Funding

The BRAC accounts provide funding for restoration, closure-related compliance, and planning activities at closing or realigned military installations in the United States and its territories. Unlike other appropriations, Congress provides BRAC funding according to BRAC rounds and allows it to remain available until expended—there are no expiration dates for these funds. Revenue

gained from the sale of closing installations may also be used to fulfill cleanup requirements. FY2005 through FY2011 funding levels reflect funding for restoration at BRAC rounds I-IV, as well as BRAC 2005 installations.

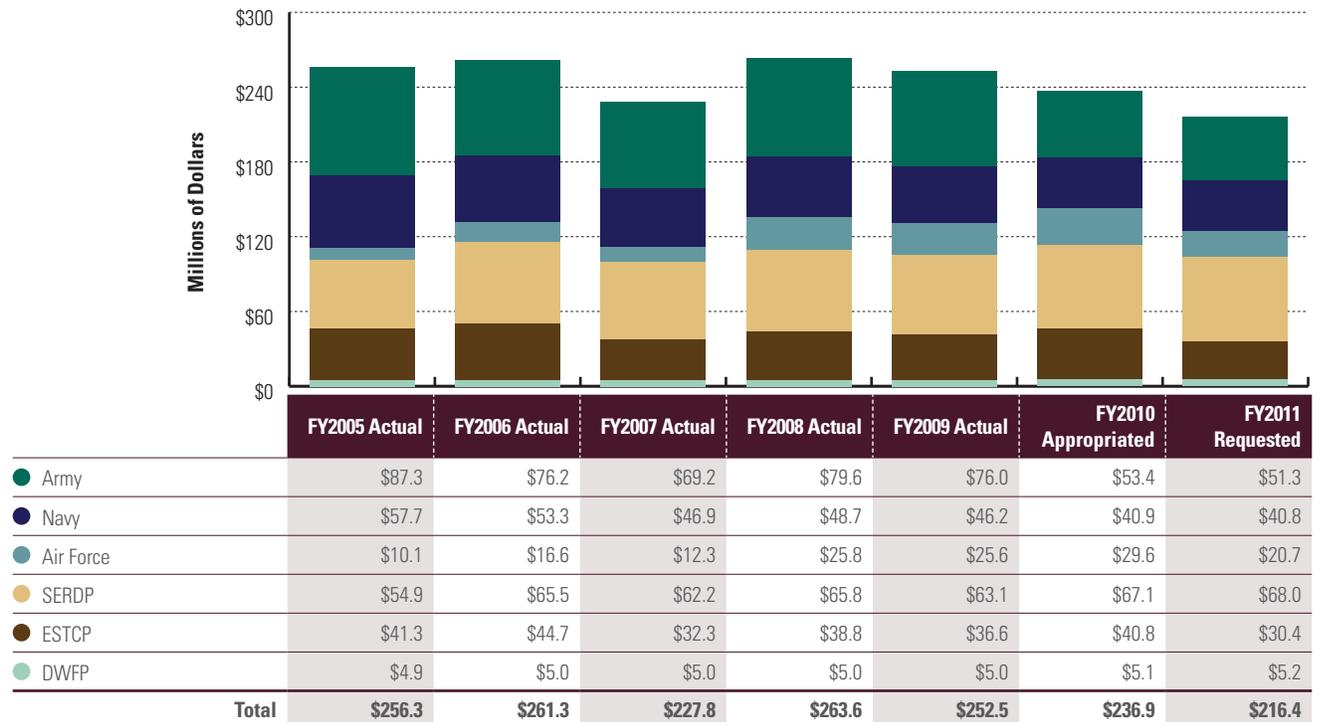
The FY2009 budget for BRAC environmental activities was \$532.2 million; DoD requested \$444.8 million for FY2011. Of the \$532.2 million obligated for BRAC activities in FY2009, \$390.2 million funded cleanup activities under the IRP and \$75.9 million funded cleanup under the MMRP (Figure 1-12). The remaining obligations fund planning and compliance activities. In FY2005, the Navy’s cleanup work at BRAC installations totaled \$102.5 million; however, its BRAC funding was completely offset due to revenue generated from the previous year’s land sale of BRAC property. As a result, the amount of cleanup work executed at BRAC installations exceeded the Department’s BRAC funding obligations in FY2005.

Chapter 8 describes the Department’s performance within the Restoration Program. Appendix B, Figure B-1.4 contains BRAC funding data by DoD Component.

Environmental Technology

During FY2009, DoD committed the following resources to its environmental programs:

Figure 1-13 DoD Environmental Technology Funding*



* Subtotals may not equal fiscal year totals due to rounding.

- Obligated **\$252.5 million** in environmental technology
- Provided **\$63.1 million** and **\$36.6 million** for the Strategic Environmental Research and Development, and Environmental Security Technology Certification Programs, respectively

DoD's environmental technology programs provide new and improved methods, equipment, materials, and protocols to meet military readiness needs. For example, these programs have produced increased efficiency in paint application and metal plating, resulting in less hazardous waste and lower associated treatment costs. The DoD Environmental Technology Annual Report to Congress covers this area in more detail and fulfills Congressional reporting requirements. Environmental technology is included exclusively in this section of the report to ensure completeness of the environmental budget discussion.

The Office of the Secretary of Defense administers the Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP). SERDP and ESTCP focus on the highest-priority environmental technology needs that apply to more than one DoD Component and help avoid duplication of effort among DoD Components with similar problems. A portion of environmental technology funding is also invested in Defense Warfighter Protection (DWFP).

DoD obligated \$252.5 million in environmental technology in FY2009 (Figure 1-13). The funding request for FY2011 decreased to \$216.4 million, primarily due to a Congressional add for ESTCP in FY2010 and a reduction in the Air Force's pollution prevention technology investments.

Overseas Environmental Activities

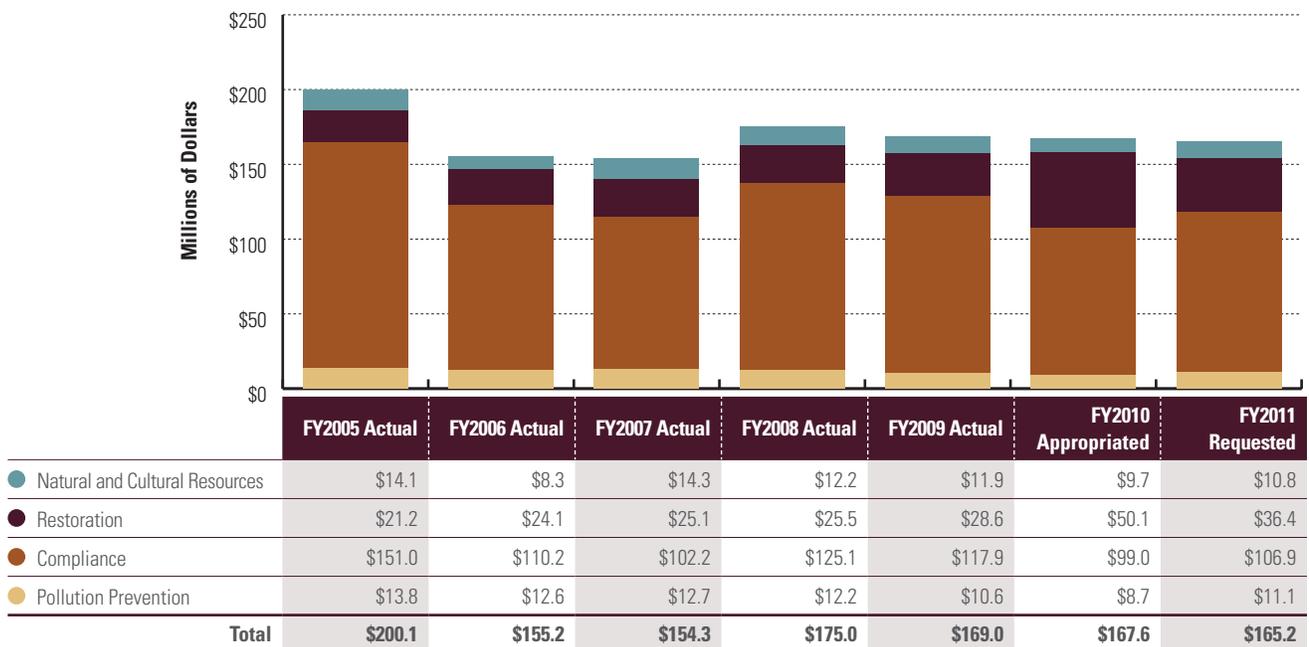
During FY2009, DoD committed the following resources to its environmental programs:

- Obligated **\$169.0 million** in environmental activities at overseas installations
- Increased funding for cleanup at overseas installations by **12 percent** compared to the previous year

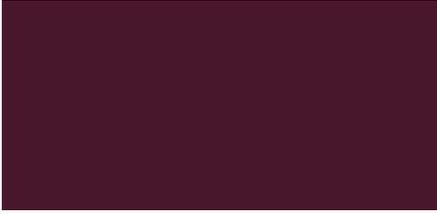
The Department complies with environmental requirements of host nations overseas as determined by review of the Final Governing Standards. Investments in overseas environmental programs similar to those that have proved to be successful domestically are necessary to continue the use of, and access to, the infrastructure and natural resources needed to meet the military mission. Overseas environmental funding is included in the Natural and Cultural Resources, Compliance, and Pollution Prevention funding charts; however, it is also displayed separately in Figure 1-14. Funding for cleanup activities abroad is included in the overseas compliance activities budget.

Appendix B, Figure B-1.5 contains overseas environmental funding data by DoD Component.

Figure 1-14 DoD Overseas Environmental Funding*



* Subtotals may not equal fiscal year totals due to rounding.



2

Environmental Management Systems

The Department of Defense (DoD) uses environmental management systems (EMSs) to preserve and maintain the natural and built infrastructure required for readiness and mission success. DoD's EMS is modeled after the International Standards Organization (ISO) 14001 framework of Plan-Do-Check-Act. The goal for DoD's EMS is to integrate environmental issues into its operations and culture. EMSs have the capacity to:

- Identify the environmental aspects of DoD's activities
- Highlight and prioritize areas of risk
- Promote pollution prevention
- Monitor and measure environmental performance

EMS at a Glance

Program Accomplishments:

- Published a new policy, DoD Instruction (DoDI) 4715.17, “Environmental Management Systems” in April 2009
- DoD achieved full EMS implementation at **70 percent** of its U.S. and overseas appropriate facilities
- Marine Corps achieved full EMS implementation at **100 percent** of its U.S. appropriate facilities
- Navy achieved full EMS implementation at **100 percent** of its U.S. and overseas appropriate facilities

Applicable Requirements

The following requirements govern EMSs:

- **Executive Order (E.O.) 13423 “Strengthening Federal Environmental, Energy, and Transportation Management”** requires federal agencies to implement an EMS at all appropriate organizational levels.
- **The Council on Environmental Quality (CEQ) Instructions for Implementing E.O. 13423** required each agency to have all EMSs fully implemented by December 31, 2008. The Office of the Federal Environmental Executive (OFEE) granted DoD a deadline extension to December 31, 2009.
- **DoD Instruction (DoDI) 4715.17 “Environmental Management Systems”** requires that each EMS be integrated into the missions and activities of DoD organizations to enhance operational mission performance of DoD Components.

Management Practices

CEQ issued the following guidance in October 2008 to help federal agencies understand different types of EMSs:

- **Higher-tier EMS (Department- or Headquarters-level)**—The highest level EMS provides overarching guidance and is responsible for establishing agency-wide policies and goals.
- **Multi-site Organizational EMS**—The middle level EMS includes bureaus, services, commands, and other sub-agency organizations. For this EMS, the organization must adopt Higher-tier requirements and also may establish separate environmental policies to address its unique set of environmental impacts.

- **Facility EMS (Installation-level)**—The lowest level EMS is where most field activities are performed, products are created, and services are provided. This EMS must adopt all higher level requirements but may establish its own environmental program to achieve established objectives and targets.

DoD’s Compliance Management Plan

DoD developed its Compliance Management Plan (CMP) in 2007. The CMP serves as DoD’s Higher-tier EMS in compliance with the requirements outlined in E.O. 13423. The CMP outlines DoD Environmental Programs and how those programs are used to ensure DoD operations comply with applicable environmental laws and regulations.

DoD plans to update its CMP in fiscal year (FY) 2010 to include the following goals:

- Commitment to sustainability
- Advancing compliance
- Improving DoD’s overall environmental performance

EMS Workgroups

The DoD EMS Workgroup consists of representatives from each DoD Component. The Workgroup communicates to DoD Components the correlation between EMS, sound environmental stewardship, and mission performance. The Workgroup also drafts DoD EMS policy and guidance to help DoD Components with EMS implementation and performance reporting.

DoD is an active participant in the Federal Interagency EMS Workgroup. This group consists of representatives from each agency and works to develop federal-level EMS metrics and scoring criteria. DoD considers EMS implementation to be a unique opportunity to establish and improve partnerships with other agencies.

Evaluation Criteria

DoD facilities must meet their DoD Component-specific EMS criteria to be classified **“in conformance.”** To be **“fully implemented,”** the DoD facility must meet the requirements of E.O. 13423, which include conducting an external (second party) audit, recognition of audit findings by senior management, and a declaration of conformance.

Under these definitions, a facility or organization can be declared in conformance with DoD Component-specific requirements but not fully meet the requirements of E.O.

13423. However, all facilities or organizations declared fully implemented (according to E.O. 13423) are also in conformance with DoD Component-specific requirements.

DoD Components report EMS progress in the Office of Management and Budget (OMB) Environmental Stewardship Scorecard. Twice a year, DoD reports the number of sites completing full implementation in the last six months and the number planned for implementation in the next six months. In FY2009, OFEE expanded the facility-level EMS metrics for the OMB scorecards to include “Sustainable Practices.”

Performance Summary

DoD

Of DoD’s 362 appropriate facilities or organizations, 257 have an EMS in conformance and 255 have a fully implemented EMS (Figure 2-1).

Appendix B, Section 2 contains EMS implementation data by DoD Component. Additional DoD Component progress is summarized below.

Army

The Army reduced its number of appropriate facilities from 149 to 144 as a result of Joint Basing, Base Realignment and Closure (BRAC) actions, and organizational restructuring. As of September 30, 2009,

the Army achieved full EMS implementation at 55 appropriate facilities. Of the remaining facilities, 74 are projected to be fully implemented by December 31, 2009, for a total of 129 facilities meeting the full implementation deadline. The remaining 15 facilities are scheduled to be fully implemented in FY2010.

To help facilities with EMS implementation, the Army updated its EMS guidance to incorporate the requirements of DoDI 4715.17. Furthermore, the Installation Management Command held three regional EMS reviews to evaluate and address EMS implementation at the installation-level. Similarly, the Army National Guard highlighted EMS implementation during its 2009 National Environmental Workshop.

The Army maintains leadership focus and awareness of EMS implementation at the installation-level through the Environmental Quality Control Committee, and at the region and headquarters levels through periodic EMS implementation progress reporting. In FY2010, the Army plans to issue guidance that focuses on maintenance of fully implemented EMSs.

Navy

The Navy’s EMS is based on the ISO 14001 model, which employs a cycle of policy, planning, implementation and operation, evaluation and corrective actions, and management review. The Navy’s EMS goal is to improve environmental performance continually. A fully implemented EMS will provide for continual improvement in environmental management as well as enhance the Navy’s overall mission performance.

The Navy is committed to ensuring all appropriate facilities implement EMSs in conformance with E.O. 13423, and to ensuring the best use of EMSs as a business practice to improve uniformity, efficiency, and shore facility management. Regional Commanders and Installation Commanding Officers use EMSs to sustain operational readiness and enhance mission success.

The Navy provides installations and regions with tools, templates, and training to assist with EMS implementation efforts. The Navy’s EMS Web site, located in the Joint Service Pollution Prevention and Sustainability Technical Library, is designed as a clearinghouse for EMS resources. The Web site provides the most comprehensive, current, and pertinent EMS information available to Navy and other federal personnel, contributing to the successful implementation and maintenance of a facility’s EMS.

Figure 2-1 DoD EMS Appropriate Facilities/Organizations FY2009 Metrics

Number of Appropriate Facilities		
U.S. and Territories	Overseas	Total
297	65	362
Number of Facilities with EMS In Conformance*		
U.S. and Territories	Overseas	Total
199	58	257
Percentage of Facilities with EMS In Conformance		
U.S. and Territories	Overseas	Total
67%	89%	71%
Number of Facilities with EMS Fully Implemented†		
U.S. and Territories	Overseas	Total
197	58	255
Percentage of Facilities with EMS Fully Implemented		
U.S. and Territories	Overseas	Total
66%	89%	70%

* In Conformance: EMS is in conformance with DoD Component requirements

† Fully Implemented: Meet requirements for E.O. 13423:

1. External audit
2. Audit findings recognized by senior management
3. Declaration of conformance

In FY2008, the Navy began with 93 appropriate facilities, 7 of which had fully implemented EMSs verified by external EMS audits. During FY2009, the remaining 86 appropriate facilities received an external EMS audit to validate conformance with ISO 14001. The Navy met its September 30, 2009 deadline established in Navy policy, and therefore, also meets the December 31, 2009 deadline for all DoD appropriate facilities or organizations.

Marine Corps

The Marine Corps successfully met the E.O. 13423 full EMS implementation requirement one year before the due date. In FY2008 all 20 Marine Corps installations were declared fully implemented. However, in FY2009, the Marine Corps added an additional appropriate facility at Marine Corps Base Camp Mu Juk in Korea, for a new total of 21 appropriate facilities. After a thorough assessment, the Marine Corps will establish and report an EMS implementation date for the new facility.

Marine Corps installations continue to proactively assist Headquarters, Marine Corps (HQMC) in identifying EMS needs and developing strategic plans. Annually, HQMC conducts an EMS conference to share success stories, obtain lessons learned, and promote ongoing initiatives to the installations. HQMC also conducts an annual Environmental Managers Conference, which facilitates the sharing of leadership views on progress and performance in the areas of EMS and compliance.

Air Force

As of September 30, 2009 the Air Force achieved full EMS implementation at 78 of its 91 appropriate facilities. In FY2009, the Air Force staffed and coordinated a draft EMS instruction outlining its commitment to implement EMS according to the ISO 14001 standard. The Air Force Civil Engineer commissioned a transformation initiative to streamline and standardize EMS implementation. EMS implementation will be integrated into the Civil Engineer's new Air Force Asset Management concept.

DLA

By December 2005, Defense Logistics Agency (DLA) established all its EMSs. Building on this success, DLA began conducting external audits of those EMSs in FY2006. Through FY2009, 9 of the 11 EMSs achieved full implementation. The remaining two EMSs underwent an external audit, and are taking the necessary corrective actions to be fully implemented by FY2010.



3

Natural Resources

The Department of Defense (DoD) manages approximately 29 million acres of land across the United States. These lands are rich in natural resources and encompass a wide variety of habitat types, including wetlands, grasslands, semi-arid scrublands, forests, and other ecosystems. These and other high quality habitats host a wide array of threatened, endangered, and at risk species; provide valuable ecosystem services; and ensure a strong foundation for realistic and sustainable military training.

Natural Resources at a Glance

Program Accomplishments:

- Provided **\$188.1 million** to develop and implement Integrated Natural Resource Management Plans (INRMPs) in Fiscal Year (FY) 2009
- Funded **72** Legacy Resource Management Projects in FY2009
- Provided **\$15.3 million** to protect 420 federally listed species in FY2009

Applicable Requirements

Environmental law and policy require DoD to address natural resource conservation efforts on installations. The following are some major requirements that govern DoD's natural resources programs:

- **The Sikes Act and The Sikes Act Improvement Act (SAIA)** mandate the development and implementation of INRMPs for all installations with significant natural resources, while ensuring no net loss to the military mission.
- **The Endangered Species Act (ESA)** protects plant and animal species at risk of extinction. ESA §7 requires DoD to consult with the U.S. Fish and Wildlife Service (FWS) or National Oceanic and Atmospheric Administration Fisheries Service when any activity authorized, funded, or carried out by DoD may affect an endangered or at risk species or an area designated as "critical habitat."
- **The Fiscal Year (FY) 2004 National Defense Authorization Act §318** allows INRMPs to be used in lieu of a critical habitat designation with approval from the FWS if an installation prepares and implements an approved INRMP.

Additional external requirements are:

- National Environmental Policy Act (NEPA) of 1970
- The Migratory Bird Treaty Act of 1918
- The Bald and Golden Eagle Protection Act of 1940
- All applicable Executive Orders (e.g., 13112 – Invasive Species; 13186 – Responsibilities of Federal Agencies to Protect Migratory Birds)

In addition, DoD developed internal policies to meet the above requirements, including:

- **DoD Directive 4715.1e "Environment, Safety, and Occupational Health"** requires that DoD Components maintain readiness by managing natural resources to support mission completion and to uphold the quality of life of installation personnel.
- **DoD Instruction (DoDI) 4715.3 "Natural Resources Conservation Program"** implements policy, assigns responsibilities, and prescribes procedures for the integrated management of natural resources on property under DoD control. DoDI 4715.3 is not final and is entering formal coordination in FY2010.

Management Practices

DoD uses natural resources planning to support conservation efforts and meet operational requirements, while minimizing damages from testing and training. Installations keep inventories of management needs, resource characteristics, and constraints related to military testing and training activities.

DoD is responsible for the lands and waters under its control. This includes managing and protecting 420 federally-listed species and 520 species at risk. In addition to providing guidance and policy, DoD's Natural Resources Program manages and protects its land by:

- Participating in partnership-based conservation efforts, such as Partners in Flight, Partners in Amphibian and Reptile Conservation, and the Pollinator Partnership
- Creating outreach materials, such as the *Invasive Species Outreach Toolkit* and the *Biodiversity Outreach Toolkit*
- Developing educational events, such as a national pollinator workshop and regional invasive species courses
- Supporting safety programs, such as Bird Aircraft Strike Hazard and wildland fire efforts

Integrated Natural Resource Management Plans

INRMPs are comprehensive plans that help installation commanders manage their resources to support the military mission and be compliant with applicable laws.

INRMPs briefly summarize the key interrelationships with other plans, reference where those plans may be obtained, and describe where detailed information can be found.

INRMPs must reflect mutual agreement between the installation and state and federal agencies with respect to the conservation, protection, and management of fish and wildlife resources on the installation. At the same time, each INRMP ensures military installation lands support the military mission.

Legacy Resource Management Program

Since its start in 1991, the Legacy Resource Management Program has funded nearly 3,000 projects, totaling approximately \$300 million. Congress appropriates Legacy Program funds separate from Natural Resources Program funds. To be eligible, projects must:

- Focus on regional or DoD-wide activities
- Support military operations, or legal or statutory requirements that go beyond installation-specific needs
- Emphasize crosscutting conservation projects that support or leverage ongoing or new DoD initiatives, demonstrate cost efficiencies and time savings, or exhibit new and innovative ways of conserving resources on DoD lands

In FY2009, the Legacy Program funded 72 projects, totaling \$7.1 million. The Program leveraged an additional \$4.1 million through in-kind and matching contributions. The Legacy Program funds projects that focus on natural resources, cultural resources, and Native Americans. The areas of emphasis include: integrated natural resource management, invasive species control, monitoring and predicting migratory patterns of birds, regional ecosystem management, and historic preservation and cultural resource management.

Following are examples of FY2009 natural resources Legacy Program projects:

- **Grassland Bird Productivity on Military Airfields** is a series of projects involving migratory bird conservation in the Mid-Atlantic and Northeast regions. DoD is in the final stages of approving a new Coordinated Bird Monitoring Plan designed jointly by DoD and U.S. Geological Survey biologists and managers. The Plan will ensure that bird monitoring and assessments address important issues for DoD and will be implemented in partnership with the Partners in Flight Program.
- **National Public Lands Day** is a nation-wide volunteer event to implement projects that enhance and protect natural resources on public areas. The Legacy Program supported 52 National Public Lands Day projects that created or improved habitat for pollinators, cleared invasive species, and cleaned up natural areas.

- **The Utah Bat Initiative** developed, directed, and facilitated comprehensive bat management in Utah. The Initiative centered on defensible data, a scientifically-validated survey protocol, strong multi-agency partnerships, and coordinated long-term planning efforts.
- **The Migratory Linkage of Burrowing Owls on DoD Lands** project partnered DoD with 31 organizations to gather and analyze data to determine if the burrowing owl, a candidate species by the FWS, is truly on the decline or is changing its migratory habit.

Chapters 4 and 5 provide examples of Legacy Program projects for cultural resources and Native Americans, respectively.

Evaluation Criteria

All DoD Components are required to provide the following natural resource management data to show program performance. Some of these data are shown in Appendix B (Figure B-3.2) and include:

- What year was the most recent INRMP reviewed/ revised for operation and effect?
- Does the INRMP meet SAIA requirements?
- Was there annual coordination with the FWS?
- Was there annual coordination with the State?
- Dollars spent in the current fiscal year to implement INRMPs

There are a number of factors that can cause an INRMP to not meet SAIA requirements. Some of these include:

- Unexpected changes to mission requirements or natural resources conditions
- Insufficient resources to prepare a new plan or perform an out-of-cycle INRMP revision
- Failure to perform a mandated five year review for operation and effect

Additionally, each installation requiring an INRMP is rated on a "red-yellow-green" basis for the seven focus areas below, according to criteria developed by each DoD Component:

- INRMP Implementation
- Partnership/Cooperation and Effectiveness
- Team Adequacy
- INRMP Impact on Installation Mission
- Status of Federally Listed Species and Critical Habitat
- Ecosystem Integrity
- Fish & Wildlife Management and Public Use

At this time, the data regarding these INRMP focus areas are too new to provide trend analysis. DoD anticipates that a minimum of three years of data collection will be necessary to begin to identify trends or forecast future performance.

Performance Summary

DoD spent a total of \$188.1 million in FY2009 to develop and implement INRMPs, which is an increase of \$43.3 million from FY2008 (Figure 3-1). Overall, INRMP funding has increased by \$87.7 million since FY2005, showing DoD’s commitment to natural resource preservation.

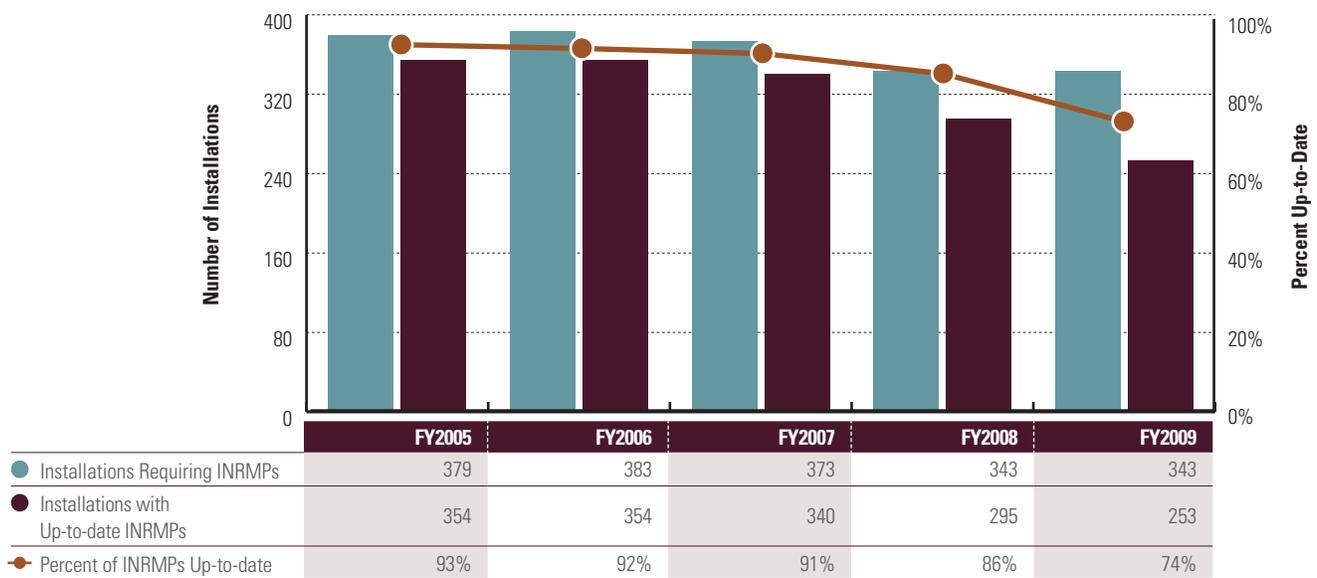
In FY2009, 74 percent of DoD’s required INRMPs were up-to-date (Figure 3-2). The decrease from 86 percent in FY2008 is largely due to the DoD Components implementing a new system of INRMP reporting metrics that more closely scrutinized INRMP status and whether INRMPs meet SAIA requirements. In particular, this seemed to affect Army INRMPs more than others. Since the Army accounts for nearly 50 percent of DoD’s 343 total INRMPs, this system will allow the DoD Components to better manage INRMPs requiring attention.

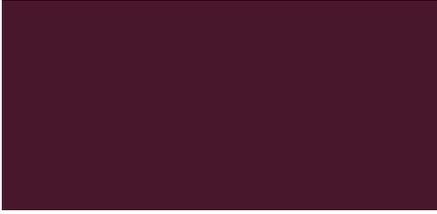
Appendix B, Section 3 contains Natural Resources Program data by DoD Component.

Figure 3-1 DoD Natural Resources: INRMP Funding



Figure 3-2 DoD Natural Resources: INRMP Progress





4

Cultural Resources

The Department of Defense (DoD) is a national leader in cultural resource management. DoD lands are home to 73 National Historic Landmarks, over 600 entries in the National Register of Historic Places, and over 160,000 identified archaeological sites. It is DoD policy to:

- Promote mission-supporting re-use of historic properties
- Manage and maintain cultural resources in a sustainable manor
- Consult in good faith with internal and external stakeholders and promote partnerships

Cultural Resources at a Glance

Program Accomplishments:

- Increased percent of installations with complete Integrated Cultural Resource Management Plans (ICRMPs) from **69 to 81 percent** during fiscal year (FY) 2009
- Used **91 percent** of historic buildings to support mission needs during FY2009
- Reflected **84 percent** of archaeological site information in a geographic information system (GIS) during FY2009

Applicable Requirements

The following regulatory requirements provide the framework necessary to manage cultural resources:

- **The National Historic Preservation Act (NHPA) of 1966** as amended requires Federal agencies to take into account the effects of their actions on properties that are listed in or eligible for listing in the National Register of Historic Places.
- **Archaeological Resources Protection Act** regulates archeological excavations/protection on federal lands, including collections, surveys, interpretation, confidentiality, and criminal penalties.
- **Executive Order (E.O.) 13287 "Preserve America"** requires federal agencies to provide leadership in preserving America's heritage by actively advancing the protection, enhancement, and contemporary use of the historic properties owned by the federal government.
- **E.O. 13327 "Federal Real Property Asset Management"** requires federal agencies to maintain complete historic status data on buildings and structures 50 years and older in their real property inventories.
- **36 Code of Federal Regulations (CFR) Part 79** outlines the procedures and guidelines for the curation of federally-owned archaeological collections.
- **DoD Instruction (DoDI) 4715.16 "Cultural Resources Management"** directs installations to manage cultural resources as assets and consult with stakeholders. It provides a new set of metrics with full DoD Component reporting required for FY2009.

Management Practices

As one of the largest land owners in the United States, DoD, in cooperation with other federal agencies, is taking a proactive approach to cultural resource management. DoD's Cultural Resources Program uses cutting-edge conservation management techniques, relying on the best technology available.

Integrated Cultural Resource Management Plans

DoD Components are required to complete Integrated Cultural Resource Management Plans (ICRMPs) to comply with legislative mandates and DoD policies. An ICRMP is a five-year planning document used to implement an installation's Cultural Resources Program. DoD Components incorporate cultural resources data with mission-related training and testing activities to identify potential conflicts. DoD Components annually track ICRMP status to see if their Cultural Resources Program is meeting established targets and goals. Successfully implemented ICRMPs can reduce land use restrictions by incorporating the protection of cultural resources into long-range installation planning. DoD implements ICRMPs in partnership with State Historic Preservation Officers, Tribal Historic Preservation Officers, and other appropriate parties.

Archaeological and Historic Building Inventories

DoD also requires installations to complete archaeological and historic building inventories. Historic property information is held in data repositories, such as the DoD Real Property Inventory and the Federal Real Property Asset Database.

In FY2009, the Advisory Council on Historic Preservation issued Program Comments, pursuant to 36 CFR 800, regarding DoD's historic Capehart-Wherry Housing, Unaccompanied Personnel Housing, and Ammo Storage Facilities. Following the Program Comment guidelines will reduce timeframes for NHPA §106 compliance.

Information Systems

Increasingly, DoD uses information systems to collect, store, manage, and analyze data associated with cultural resources:

- **The Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE)** is the single DoD standard that supports common implementation for installations, environment,

and civil works missions. SDSFIE encompass DoD's business mission areas of Real Property Management, Environment, Natural and Cultural Resources, Base Operations and Services, and Occupational Health and Safety.

- **The Military Cultural Resources Analysis Database (mCRAD)** data model has been proposed as a new cultural resource standard for SDSFIE. It is a Web-based tool that supports the storage and retrieval of cultural resources data for DoD. The mCRAD model is designed to facilitate installation environmental project review and cultural resources consultations. Through mCRAD, cultural resource managers can cross-reference proposed installation projects with the database to determine if a cultural resource investigation is required.

Legacy Resource Management Program

Chapter 3 introduces the Legacy Resource Management Program and provides natural resources examples. In addition, the following are examples of cultural resources projects:

- **How to Adaptively Reuse DoD Buildings: Lessons Learned from BRAC Installations** collected information from Base Realignment and Closure (BRAC) installations on how military buildings have been reused once they leave the DoD inventory. This project will provide guidance to military master planners on how to adaptively reuse building types such as warehouses, hangars, classrooms, and administration buildings. Adaptive reuse of buildings is a key component to making an installation more sustainable.
- **Case Studies for Preserving DoD Historic Buildings and Achieving Leadership in Energy and Environmental Design (LEED) Certification** assessed whether preservation, sustainability, and energy conservation goals can be incorporated into DoD renovation projects to achieve LEED certification.

Outreach

DoD supports a number of cultural resources management workshops, conferences, and training events. Most notably, in August 2009, the Sustaining Military Readiness Conference brought together DoD personnel and stakeholders in natural and cultural resources management, readiness, sustainability, and compatible land use. The conference participants exchanged lessons learned, shared the results of sustainability programs and projects, and attended a broad spectrum of informative training workshops. As a major theme for many of these workshops, cultural

resource management topics included NHPA compliance, reuse of DoD historic properties, and effective geographic information system (GIS) mapping.

Evaluation Criteria

DoD Components continue to use ICRMPs as the primary tool to manage cultural resources, develop programmatic approaches, and measure success in compliance with cultural resources laws. DoD policy requires installations to review and update their ICRMPs annually.

DoDI 4715.16 establishes new metrics to assess the performance of DoD Components' Cultural Resources Management programs for FY2009 and beyond.

These metrics cover the following topics:

- Historic Properties
- Curation
- Archaeological Survey
- GIS mapping
- ICRMPs
- Public Outreach

Performance Summary

A total of 358 DoD installations required ICRMPs in FY2009. Of those installations, 81 percent had complete ICRMPs, up from 69 percent in FY2008 (Figure 4-1).

At this time, the metrics in DoDI 4715.16, with the exception of ICRMPs, are too new to provide trend analysis. Figures 4-2 and 4-3 show the FY2009 data; however, DoD anticipates that a minimum of three years

of data collection will be necessary to begin to accurately identify trends, forecast future performance, and recommend related courses of action.

Appendix B, Section 4 contains Cultural Resources Program data by DoD Component.

Figure 4-1 DoD Cultural Resources: ICRMP Progress

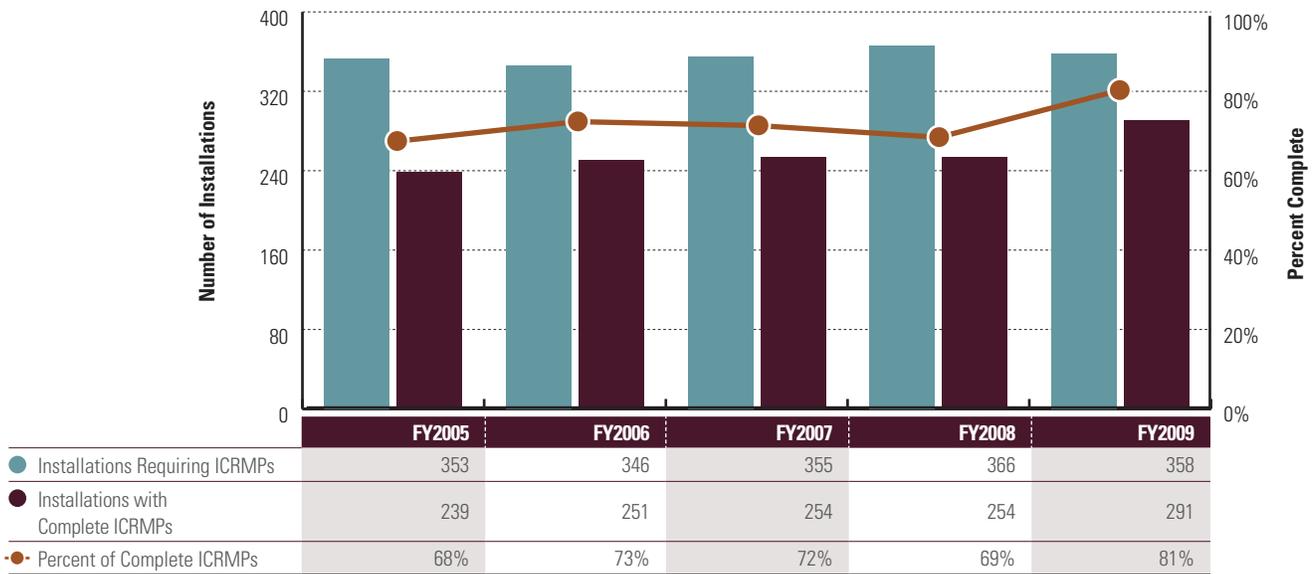


Figure 4-2 Historic Property data reported by DoD's Real Property Asset Database as of September 30, 2009

Cultural Resources Metrics for FY2009	Buildings	Structures	Linear Structures	Total
Historic Properties				
Number of historic properties*	19,242	2,332	79	21,653
Percent of historic properties* that have a high facility physical quality code (Q1 or Q2)	40% (7,699)	58% (1,359)	37% (29)	42% (9,087)
Percent of historic properties* with Mission Critical (MC) or Mission Dependent, Not Critical (MDNC) codes.	90% (17,317)	97% (2,273)	96% (76)	91% (19,666)
Percent of historic properties† greater than or equal to 50 years old that are evaluated (i.e., Non-NEV)	69% (65,634)	36% (12,524)	19% (2,697)	56% (80,855)
Number of historic properties* demolished in previous fiscal year (FY2008)	11	1	0	12
Percent of historic properties* with Utilization Category Codes that have a code of "Utilized" or "Over-Utilized"‡	79% (3,065)	N/A	N/A	79% (3,065)

* With Historical Status Data Element Codes NHLC, NHLI, NREC, NREI, NRLC, or NRLI

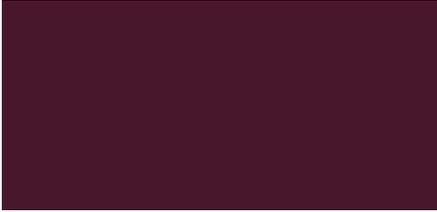
† With Historical Status Data Element Codes NHLC, NHLI, NREC, NREI, NRLC, NRLI, ELPA, DNE, DNR, NCE, or NEV

‡ Includes offices, warehouses, laboratories, hospitals, and housing per the Federal Real Property Council's 2009 Guidance for Real Property Inventory Reporting

Figure 4-3 DoD Cultural Resources Metrics per DoDI 4715.16

Cultural Resources Metrics	FY2009
Curation	
Compliant curation of archaeological collections and associated records (cubic feet)*	Not Compliant
A) Volume of collections requiring curation	55,543
B) Volume of collections curated to 36 CFR Part 79	31,547
C) Volume of collections acquired during the previous FY	1,956
Compliant curation of archaeological collections and associated records (linear feet)*	Not Compliant
A) Volume of collections requiring curation	12,189
B) Volume of collections curated to 36 CFR Part 79	9,291
C) Volume of collections acquired during the previous FY	221
Archaeological Survey	
Percent of DoD-managed lands surveyed for archaeological sites (acres)	34%
GIS Mapping	
Archaeological site information reflected in a GIS	84%
Percent of installations with Historic Real Property Asset Information reflected in a GIS	57%
ICRMPs	
Percent of installations with complete ICRMPs	81%
Percent of total ICRMPs that were developed in consultation	70%
Public Outreach	
Percent of installations with cultural resources that have public Web sites, tour programs, or welcome packages	45%

* Compliant with DoDI 4715.16 if: volume of collections not curated in current FY (A-B) is less than or equal to the volume of collections acquired in previous FY (C).
Not compliant if: (A-B) > C.



5

Native Americans

Two-hundred and fifteen Department of Defense (DoD) installations have cultural or historical affiliations with Native American tribes as of fiscal year (FY) 2009. Certain DoD operational and training activities, including weapons testing, practice bombing, and field maneuvers have impacted American Indian lands and Alaska Native Claims Settlement Act (ANCSA)-conveyed properties. DoD created the American Indian and Alaska Native Policy (the Policy) on October 20, 1998. Under the Policy, the Department pledges to:

- Meet its trust responsibilities
- Build stable and enduring relationships with tribes through government-to-government contact
- Integrate the principle and practice of meaningful consultation with tribes at the installation-level
- Protect natural and cultural resources

Native American Programs at a Glance

Program Accomplishments:

- Assessed **716 of 918** total reported potential impacts to determine whether the impacts are attributable to past DoD activities and are on tribal lands
- Mitigated impacts at **over 100 sites** in FY2009
- Completed cleanup of **nearly 50 sites** to date, with one cleanup completed in FY2009
- Trained **over 1,000** DoD personnel in skills needed to initiate effective consultation with tribal governments

Applicable Requirements

The following requirements govern DoD relationships with federally-recognized tribes and Native Hawaiian Organizations:

- **DoD Instruction (DoDI) 4710.02 "DoD Interactions with Federally-Recognized Tribes"** implements DoD policy, assigns responsibility, and provides procedures for DoD interactions with tribes.
- **DoDI 4715.16 "Cultural Resources Management"** reiterates DoD policy with regard to federally-recognized tribes and incorporates Native American metrics.
- **The Native American Graves Protection and Repatriation Act (NAGPRA)** provides guidance on the appropriate treatment and disposition of excavated American Indian and Native Hawaiian human remains and cultural items.
- **The American Indian Religious Freedom Act (AIRFA)** covers the access and use of religious sites.
- **The National Historic Preservation Act (NHPA)** addresses the preservation and protection of historic properties of religious and cultural significance.
- **The National Environmental Policy Act (NEPA)** requires DoD to evaluate the potential effects any proposed action has on natural and cultural resources.

Management Practices

Twenty-two treaties recognize tribal members' right to hunt, fish, gather, and otherwise continue longstanding use of lands now occupied by DoD installations. The Indian Removal Act of 1830 relocated 20 tribes from the Southeast region to Oklahoma. These tribes still have traditional lands in the areas of Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee. Many other tribes not removed in the 1830s remain in the South and East, and federal law requires military installations to consult with potentially affected tribes when their activities may affect tribal lands or resources.

Environmental impacts resulting from DoD activities on tribal lands could include hazardous materials, ordnance, old equipment, unsafe buildings, and debris. Such impacts can adversely affect the environmental, economic, social, and cultural welfare of tribes. DoD has an ongoing commitment to address these impacts, maintain careful stewardship of affected tribes' cultural resources, and support the government-to-government consultation process through a variety of programs.

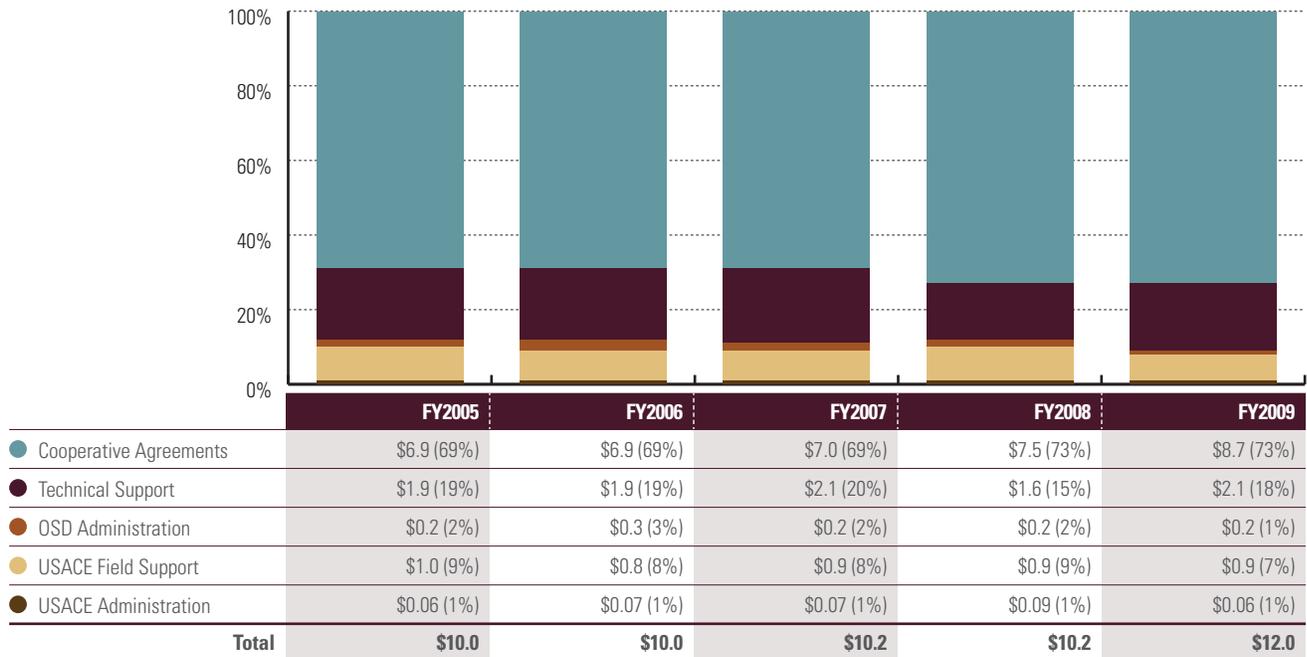
Native American Lands Environmental Mitigation Program

In order to address tribal concerns in DoD environmental programs, Congress has appropriated annual funding to mitigate environmental impacts on Indian Lands and ANCSA-conveyed properties since 1993. In 1996, DoD developed the Native American Lands Environmental Mitigation Program (NALEMP) to work closely with tribes to mitigate environmental impacts with maximum tribal participation. DoD oversees efforts to gather information concerning potential environmental impacts, assess each impact for eligibility in the program, prioritize impacts for mitigation, and consult with the affected tribes.

In FY2009, Congress appropriated \$12 million for NALEMP, of which over 90 percent was provided directly to tribes for mitigation costs and to provide partner tribes technical support for mitigation activities (Figure 5-1). Specifically, NALEMP funds are used to:

- Manage cooperative agreements to partner with tribes to mitigate environmental impacts
- Conduct site assessments to validate reported DoD impacts to Indian lands. NALEMP has identified over 250 sites that are eligible for NALEMP or under review through nearly 700 assessments. In FY2009, NALEMP assessed over 30 sites related to over three dozen reported impacts. In FY2010, NALEMP will assess another 28 sites for program eligibility.

Figure 5-1 NALEMP Funding (millions of dollars)*



* Subtotals may not equal totals due to rounding

- Maintain and upgrade the Native American Management System for Environmental Impacts (NAMSEI)
- Sponsor cultural communication courses to help DoD personnel consult effectively with tribes
- Address Native American policy issues

Native American Management System for Environmental Impacts

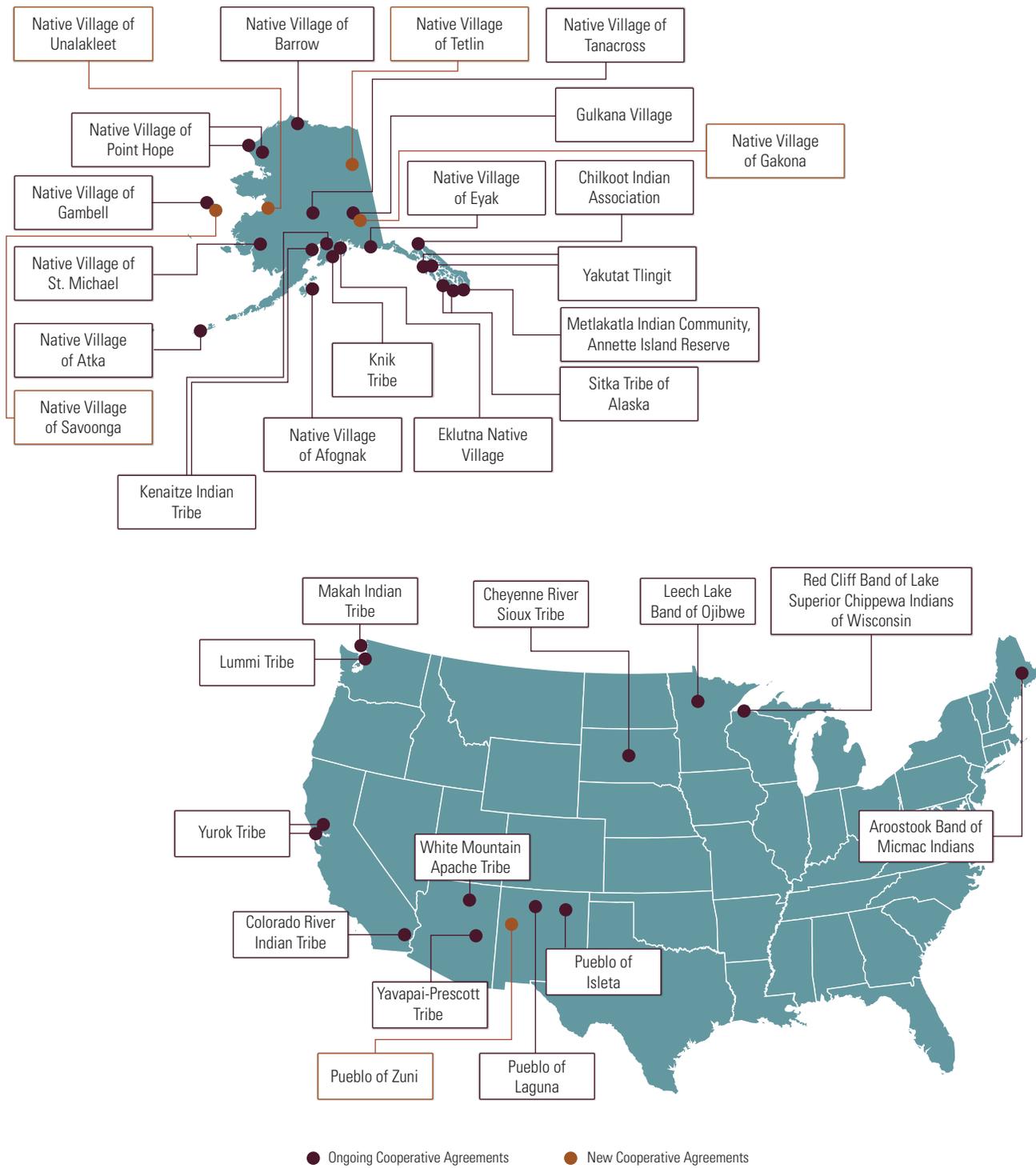
NAMSEI is an online system that allows tribal representatives, DoD, and the public to access, report, and share information on DoD-related issues of concern. It also tracks and maintains information on potential impacts to tribal lands and resources resulting from DoD activities. NAMSEI provides a historical record of site assessment results, presents a forum to report new suspected impacts, and receives online comments about assessments and project status updates. Additionally, the system supports program planning and funding decisions related to NALEMP. By the end of FY2009, DoD identified and tracked progress on more than 900 potential impacts reported in NAMSEI, with 21 new potential impacts reported in FY2009. To date, DoD has completed cleanup at 50 sites, with one site cleanup completed in FY2009.

Cooperative Agreements

Under NALEMP, DoD enters into cooperative agreements with tribal governments to address environmental problems attributable to past DoD activities. These agreements incorporate “traditional ecological knowledge” into the design for cleanup, directly involve the tribe in project decision-making, develop tribal capacity regarding environmental services, and allow DoD to assist tribes in acquiring technical remediation skills.

DoD entered into 23 cooperative agreements in FY2009 (Figure 5-2). These included five new cooperative agreements to mitigate impacts on the Native Villages of Gakona, Savoonga, Tetlin, Unalakleet, and the Pueblo of Zuni. Eighteen follow-on agreements continued mitigation projects with previously funded tribes. In FY2009, DoD mitigated impacts at over 100 sites under a total of 43 open cooperative agreements. Since the inception of NALEMP, DoD has executed 177 new or continuing cooperative agreements to partner with nearly 50 tribal governments at a total funding level of over \$69 million. Cooperative agreements are the preferred method to undertake environmental mitigation projects on tribal lands because these agreements maximize the use of federal and tribal resources.

Figure 5-2 Cooperative Agreements with American Indian and Alaska Native Tribes Open in FY2009



Legacy Resource Management Program

Chapter 3 introduces the Legacy Resource Management Program and provides natural resources examples. In addition, the following is an example of a FY2009 Native American project:

- **DoD's Native Hawaiian Consultation Protocol** is under development to clearly define its consultation responsibilities to Native Hawaiian Organizations. As DoD increases its military training activities in Hawaii, it must continue to comply with applicable environmental and cultural resource protection laws. Consultation plays a key role in compliance with NHPA, NEPA, NAGPRA, AIRFA, and the Religious Freedom Restoration Act. When completed, the policy statement will improve the overall working relationship between DoD and Native Hawaiian Organizations, and will assist DoD in meeting its legal consultation obligations.

DoD American Indian Cultural Communication Training Course

DoD created its first cultural communications course in 1999 to provide installation commanders and their staff information and skills to initiate effective consultation.

The American Indian Cultural Communication Course is tailored to focus on Indian cultures and military history in the region where it is held. In addition to the Tribal Liaison, course instructors include other high-level Office of the Secretary of Defense officials, expert Native American consultants, and military experts in consultation. Dialog with leaders of local tribes helps participants learn more about cultural practices and unique tribal interests that may interact with the military mission. The course includes sessions on:

- History of Indian laws and the legal basis for the DoD American Indian and Alaska Native Policy
- Federal laws and policies impacting DoD's relationships with tribal governments
- Explanation of DoDI 4710.02 "DoD Interactions with Federally-Recognized Tribes"
- Introduction to tribal concepts and culture
- Intercultural communication practices
- Practical guidance and steps for consulting with tribal governments

Since its launch in 1999, the course has trained over 1,000 military and civilian personnel, consistently securing high marks for providing practical, ready-to-use information and skills. In FY2009, approximately 150 participants from all DoD Components attended training sessions held in Silverdale, Washington; Savannah, Georgia; and

Great Falls, Montana. Course locations planned for FY2010 include Omaha, Nebraska in December 2009, and Anchorage, Alaska in March 2010.

DoD Native Hawaiian Cultural Communication Course

To complement the Native Hawaiian Consultation Protocol, DoD developed a Native Hawaiian Cultural Communication Course. The course includes information on:

- Hawaiian history
- Introduction to Hawaiian concepts and cultures
- Resources of special importance to Hawaiians
- Federal laws, regulations, and policies that impact DoD's consultation relationship with Native Hawaiian Organizations
- The DoD Policy Statement for Consultation with Native Hawaiian Organizations
- Practical guidance and steps for consulting with Native Hawaiian Organizations

On April 21-23, 2009, DoD held its first ever Native Hawaiian Cultural Communication Course at Marine Corps Base Hawaii. The course included a half-day cultural event and presentations by Native Hawaiian specialists in history, culture, intercultural communication, and consultation. Over 35 senior military and civilian personnel participated in the Executive Session on the first day, and over 50 action officer-level military and civilian personnel participated in the two-day course that followed. The next course is scheduled for February 2-3, 2010 in Oahu, Hawaii.

Outreach to Tribes

The extensive DoD outreach campaign to tribes includes annual presentations and exhibits at nearly a dozen national and regional conferences of tribal leaders and tribal environmental officials. In FY2009, newly elected tribal officials and tribal environmental managers had the opportunity to learn about the Policy and various DoD programs of interest to tribal governments.

Outreach to tribes also includes use of online resources. DoD's Environment, Safety, and Occupational Health Network Information Exchange (DENIX) is the online source of information about DoD's environmental programs, activities, and initiatives. Updated information on DoD's Native American activities and initiatives will be included in the Native American Issues pages of DENIX, scheduled to be relaunched in early FY2010 (www.denix.osd.mil/portal/page/portal/NA).

Evaluation Criteria

In FY2009, DoD adopted new performance metrics to annually evaluate the progress of DoD Components in implementing DoD’s American Indian and Alaskan Native Policy. The new metrics cover the following topics:

- Cultural Resources
- Natural Resources
- NAGPRA Collections

Performance Summary

At this time, the consultation and NAGPRA metrics are too new to provide trend analysis. Figure 5-3 shows the FY2009 data; however, DoD anticipates that a minimum of three years of data collection will be necessary to begin to accurately identify trends, forecast future performance, and recommend related courses of action.

Appendix B, Section 5 contains Native American performance data by DoD Component.

Figure 5-3 DoD Native American Metrics

Native American Metrics	FY2009
Cultural Resources	
Number of installations that have a cultural or historical affiliation with tribes	215
Number of installations that consult with tribes during Integrated Cultural Resource Management Plan (ICRMP) development	167
Number of installations that include a written consultation process in completed or revised ICRMPs	156
Number of installations that use an alternative process, separate from ICRMPs, for consultation with tribes	100
Natural Resources	
Number of installations where tribal rights to natural resources may be affected	54
Number of installations that consult with tribes during Integrated Natural Resource Management Plan (INRMP) development	93
Number of installations that include a written consultation process in completed or revised INRMPs	54
Number of installations that use an alternative process, separate from INRMPs, for consultation with tribes	80
Collections subject to NAGPRA*	
Number of installations or other entities where collections have not been evaluated for NAGPRA “cultural items”	20
Number of installations or other entities that currently have NAGPRA “cultural items” in their collection	50
Number of installations or other entities that have acquired human remains and/or funerary objects in FY2009	9

* Includes military museum data



6

Compliance

Department of Defense (DoD) operations must comply with applicable laws, regulations, Executive Orders (E.O.'s), Final Governing Standards (FGS), and agreements designed to protect human health and the environment. The DoD Compliance Program policy objectives are to:

- Reduce compliance costs
- Plan, program, budget, and execute projects and activities that facilitate compliance
- Use commercially proven solutions to achieve compliance
- Promote the development and use of innovative solutions
- Conduct internal and external compliance assessments
- Correct identified issues promptly

Compliance at a Glance

Fiscal Year 2009 Funding: **\$1.5 billion**

Program Accomplishments:

- Decreased hazardous air pollutant (HAP) emissions **27 percent** during Calendar Year (CY) 2008
- Increased percentage of compliant water permits to **94 percent** during first half of CY2009
- Provided safe drinking water to **96 percent** of the DoD population during first half of CY2009
- Decreased new enforcement actions **9 percent** since Fiscal Year (FY) 2005

Applicable Requirements

The Compliance Program extends to all DoD operations, activities, and installations within the United States and its territories, including government-owned and contractor-operated facilities. DoD's environmental activities extend to but are not limited to projects implemented to comply with regulations promulgated under the:

- Clean Air Act (CAA)
- Clean Water Act (CWA)
- Emergency Planning and Community Right-to-Know Act (EPCRA)
- National Environmental Policy Act (NEPA)
- Resource Conservation and Recovery Act (RCRA)
- Safe Drinking Water Act (SDWA)
- Solid Waste Disposal Act (SWDA)
- Toxic Substances Control Act (TSCA)

Key compliance policies include:

- DoD Instruction (DoDI) 4715.6 "Environmental Compliance"
- DoDI 4715.5 "Management of Environmental Compliance at Overseas Installations"
- October 2004 DoD Memorandum: "Revised Pollution Prevention and Compliance Metrics"

Management Practices

DoD uses several management practices to achieve Compliance Program objectives. For example, DoD develops and implements policies and guidance; designates "Executive Agents" to lead key environmental

initiatives; establishes metrics; implements policy for reporting, planning, programming, budgeting, and executing compliance activities; and conducts internal reviews to evaluate program performance.

DoD uses a prioritized selection process to fund compliance projects and activities. This process is based upon specific criteria (i.e., current compliance status, pending regulatory requirements, and anticipated compliance deadlines) and ensures DoD meets its program objectives in a cost-effective manner.

Treaties, international agreements, and DoD policy manage DoD's environmental compliance outside the United States. In most cases, the United States has formal international agreements (e.g., a Status of Forces Agreement) to respect host nations' laws. Congress mandated that DoD establish a consistent policy for environmental compliance at overseas installations. After revision, this policy is DoDI 4715.5, which requires DoD to compare environmental standards applicable to military installations based on U.S. law with similar laws and standards of host nations. The more protective of the two becomes the FGS. This policy demonstrates DoD's respect for host nation law.

At DoD, compliance is not a standalone environmental program. Rather, it is part of a systemic approach to achieve environmental objectives. DoD integrates compliance with other programs such as Pollution Prevention, and Environmental Management Systems (EMSs). DoD prefers to achieve compliance by implementing pollution prevention activities and does so when practicable and feasible.

Chapter Contents

This chapter summarizes performance trends for the following Compliance Program initiatives:

- Air Quality
- Clean Water
- Safe Drinking Water
- Uniform National Discharge Standards (UNDS)
- Enforcement Actions

Related to the Compliance Program, Chapter 2 summarizes DoD's EMS Program and Chapter 7: Pollution Prevention summarizes DoD's Ozone-Depleting Substance (ODS), Toxics Release Inventory (TRI), Solid Waste, and Hazardous Waste Programs.

Air Quality

During CY2008, DoD demonstrated the following performance:

- Decreased hazardous air pollutant emissions **27 percent**
- Decreased sulfur dioxide emissions **23 percent**
- Decreased particulate matter emissions **12 percent**

Overview

DoD operations are subject to many requirements designed to protect and enhance air quality. These operations must obtain operating permits for regulated emissions and comply with permit terms and conditions. The two primary requirements are the CAA emission limits for hazardous air pollutants (HAPs) and criteria pollutants.

DoD implements internal policies, procedures, program objectives, and best management practices to reduce emitted pollutants and protect air quality. DoD's Clean Air Act Services Steering Committee, led by the Navy, supports these efforts.

Evaluation Criteria

DoD set two goals to focus compliance efforts and protect air quality:

- Manage air pollution emissions to protect public health, meet national clean air standards, and maximize operational flexibility
- Make appropriate investments to promote the attainment of National Ambient Air Quality Standards and enhance the training/operations flexibility in maximizing the use of air resources

DoD installations with CAA operating permits calculate and report their criteria pollutant and HAP emissions to their permitting authority. DoD aggregates and analyzes these reported emissions and compares them to previous year reported emissions in order to establish overall air emission trends across DoD. DoD measures emissions for the six criteria pollutants (and their regulated precursors where applicable) and 188 HAPs as an overall indicator to help evaluate progress toward these goals. The six criteria pollutants are:

- Carbon monoxide (CO)
- Nitrogen dioxide (reported as NO_x)
- Particulate matter (regulated as PM₁₀ and PM_{2.5})
- Ozone (O₃) (reported as precursor emissions of volatile organic compounds (VOCs) and NO_x)
- Sulfur dioxide (SO₂)
- Lead (Pb)

This section does not summarize performance for other operational permits or other aspects of the air quality program such as CAA Title VI controls for ODSs.

Performance Summary

DoD installations reported emitting 1,225 tons of HAPs in CY2008, a 27 percent decrease from CY2007 (Figure 6-1). HAP emissions decreased because of a significant reduction in the use of certain enamel coatings, solvents, degreasers, and fuel additives at DoD installations.

Particulate matter (ten microns) emissions decreased 12 percent between CY2007 and CY2008, largely due to reduced open burn/open detonation (OB/OD) operations at Army industrial installations (Figure 6-2). OB/OD operations and their related emissions can vary substantially during a given time period, and are driven by a combination of demilitarization work load and funding at the installation. In CY2008, sulfur dioxide and carbon monoxide emissions decreased 23 percent and 21 percent, respectively. DoD's lead emissions increased 26 percent in CY2008 due to increased industrial activity in support of Army operations.

Appendix B, Section 6 contains Air Quality performance data by DoD Component.

Figure 6-1 DoD Hazardous Air Pollutants from Stationary Sources (U.S. and Territories & Overseas)

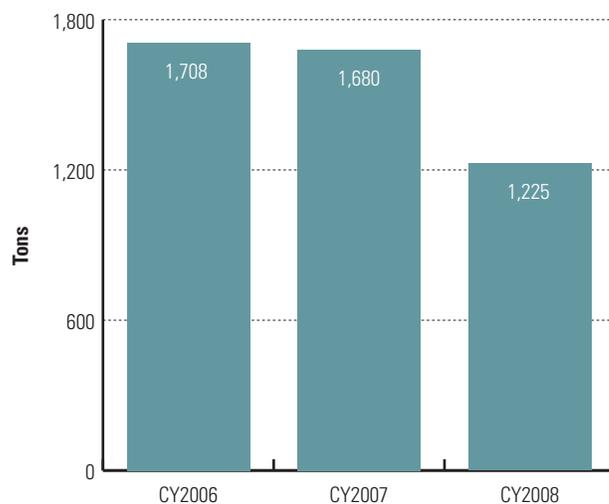
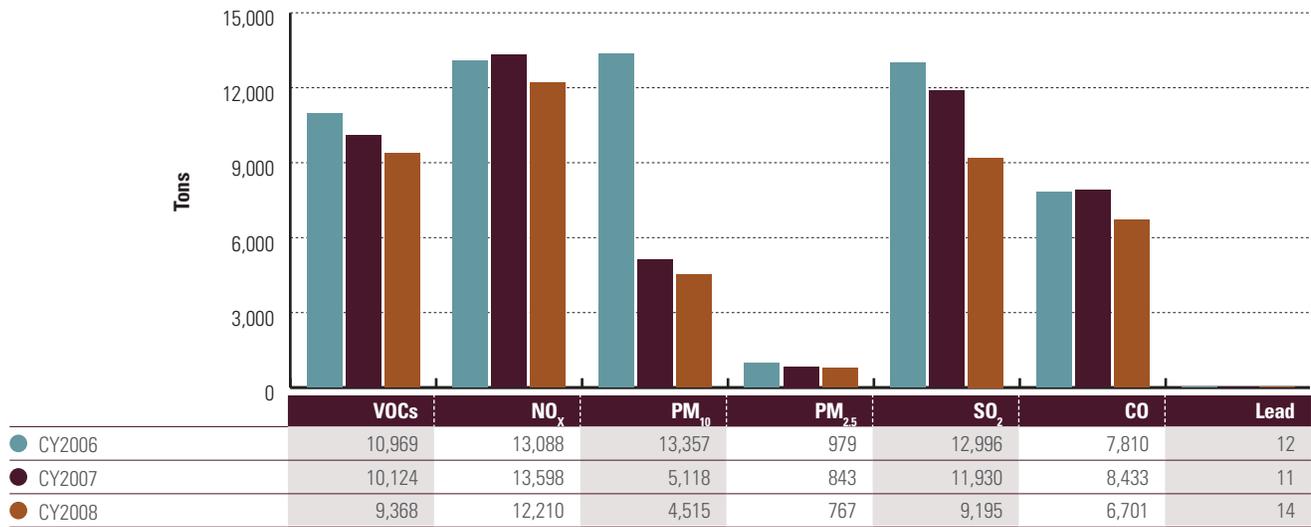


Figure 6-2 DoD Criteria Pollutant Emissions from Stationary Sources (U.S. and Territories & Overseas)



Clean Water

During the first half of CY2009, DoD demonstrated the following performance:

- Increased the percentage of CWA compliant water discharge permits from **93 to 94 percent**
- Increased the percentage of overseas compliant wastewater discharge facilities from **80 to 85 percent**

Overview

DoD operations generate point source and non-point source discharges to surface waters. These discharges can adversely affect surface water quality. DoD's point source discharges and pollutants commonly originate from on-site sewage treatment plants, industrial wastewater treatment facilities, and combined sewer overflows. DoD's non-point source discharges and pollutants commonly originate from stormwater runoff that flows across construction sites, range operations, shipyards, and military installations.

Most operations that generate discharges must obtain permits for the discharges of regulated pollutants and comply with permit terms and conditions. DoD's two most common water pollution control permits are administered via the CWA and include:

- National Pollution Discharge Elimination System (NPDES) permits for sanitary sewage, industrial wastewater, and stormwater discharges
- Discharges of sanitary sewage and pre-treated industrial wastewaters to the local Publicly Owned Treatment Works

This section does not summarize DoD performance with other clean water requirements administered under:

- CWA §404 (permits for the disposal of dredged or fill material into navigable waters)
- The Marine Protection, Research, and Sanctuaries Act (MPRSA)
- The Act to Prevent Pollution from Ships (APPS)

Evaluation Criteria

DoD's clean water goal is to manage domestic industrial wastewater and stormwater effectively to protect public health, meet water quality standards, and maximize operational flexibility. DoD reports two performance metrics; one for its operations within the United States and its territories, and one for overseas operations:

United States and Territories:

- Percentage of water pollution control permits compliant with applicable requirements

Overseas:

- Percentage of facilities discharging regulated wastewater or stormwater compliant with FGS

Performance Summary

Ninety-four percent of the 1,498 DoD water pollution control permits were compliant in the first half of CY2009 (Figure 6-3). Moreover, DoD's compliance trend for the past five years has been above 92 percent. From CY2005 through the first half of CY2009, the total number of CWA permits continued to decrease, primarily due to base closures and the privatization of certain utilities.

Eighty-five percent of the 236 overseas DoD facilities discharging wastewater or stormwater were compliant with FGS in the first half of CY2009 (Figure 6-4). Overseas compliance increased approximately 26 percent from CY2005 to the first half of CY2009. During the same period, the total number of discharging facilities continued to decrease.

Appendix B , Section 6 contains Clean Water performance data by DoD Component.

Figure 6-3 Percent of DoD Clean Water Pollution Control Permits Compliant with Clean Water Act (U.S. and Territories)

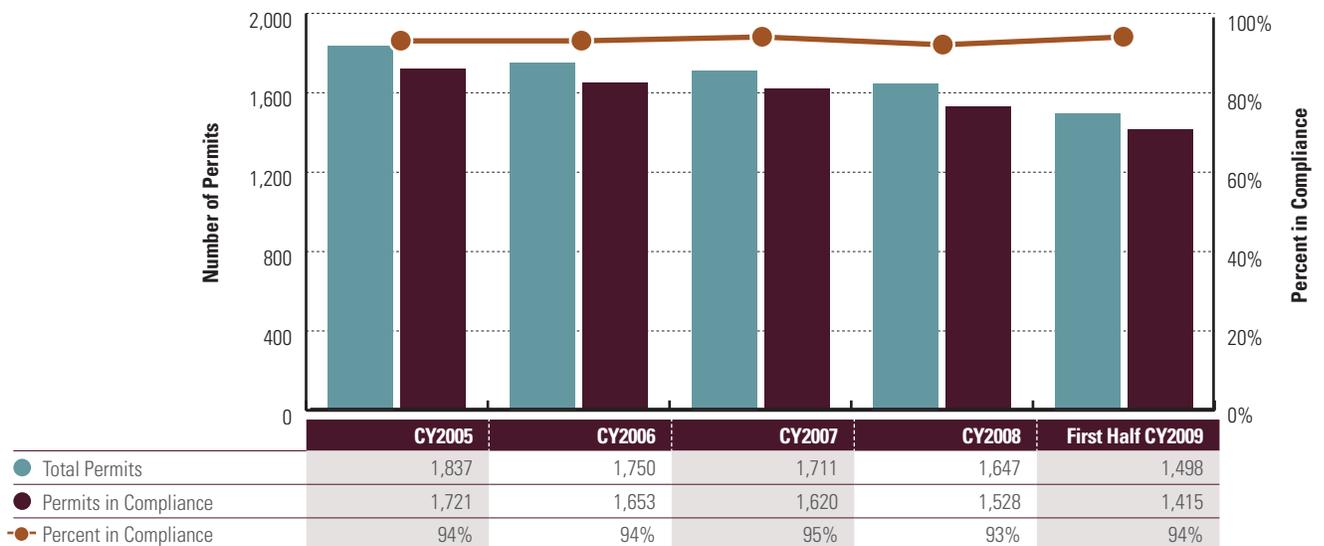
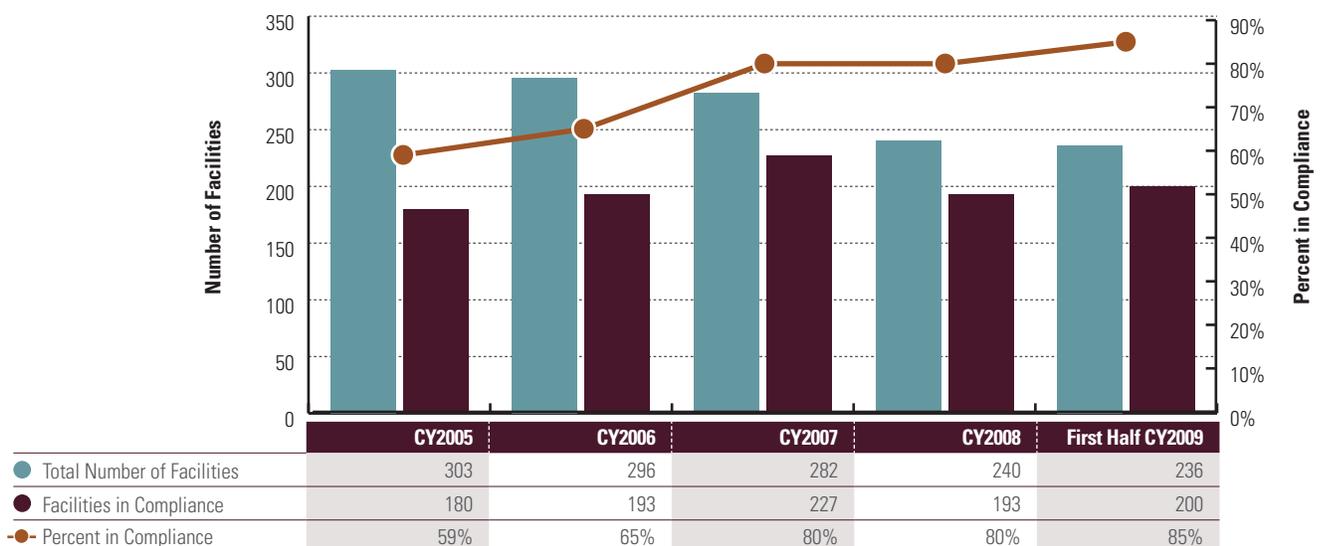


Figure 6-4 Percent of DoD Facilities Discharging Wastewater that are Compliant with Final Governing Standards (Overseas)



Safe Drinking Water

During the first half of CY2009, DoD demonstrated the following performance:

- Increased the percentage of DoD population served by DoD public water systems that meet established drinking water requirements from **89 to 96 percent**

Overview

DoD supplies drinking water on-site to 3.4 million men, women, and children living and working on DoD installations. In the United States and its territories, these water systems must comply with National Primary Drinking Water Regulations administered under the SDWA. DoD's overseas public water systems must comply with FGS. These limits ensure potable water meets relevant drinking water standards.

Evaluation Criteria

DoD's public water system goals are to:

- Provide safe drinking water to protect the health of people living and working on its installations
- Distribute public water in compliance with relevant standards to 100 percent of the DoD population
- Support readiness by conserving resources through efficient management of drinking water assets

DoD evaluates safe drinking water for both U.S. and overseas operations in a single performance metric:

- Percent of DoD population served by a DoD public water system compliant with applicable requirements (i.e., SDWA and FGS)

Performance Summary

In the first half of CY2009, DoD provided drinking water to over 3.4 million people worldwide. Less than 4 percent of the DoD population received notices sometime during the year that the water might not meet regulatory standards. For populations that received public notification, DoD remedied the issue immediately or, when necessary, provided alternative drinking water. The 96.4 percent compliance rate is above EPA's Government Performance and Results Act (GPRA) goal of 91 percent for municipal drinking water compliance in 2011 and above the 2009 national average of 92.1 percent.

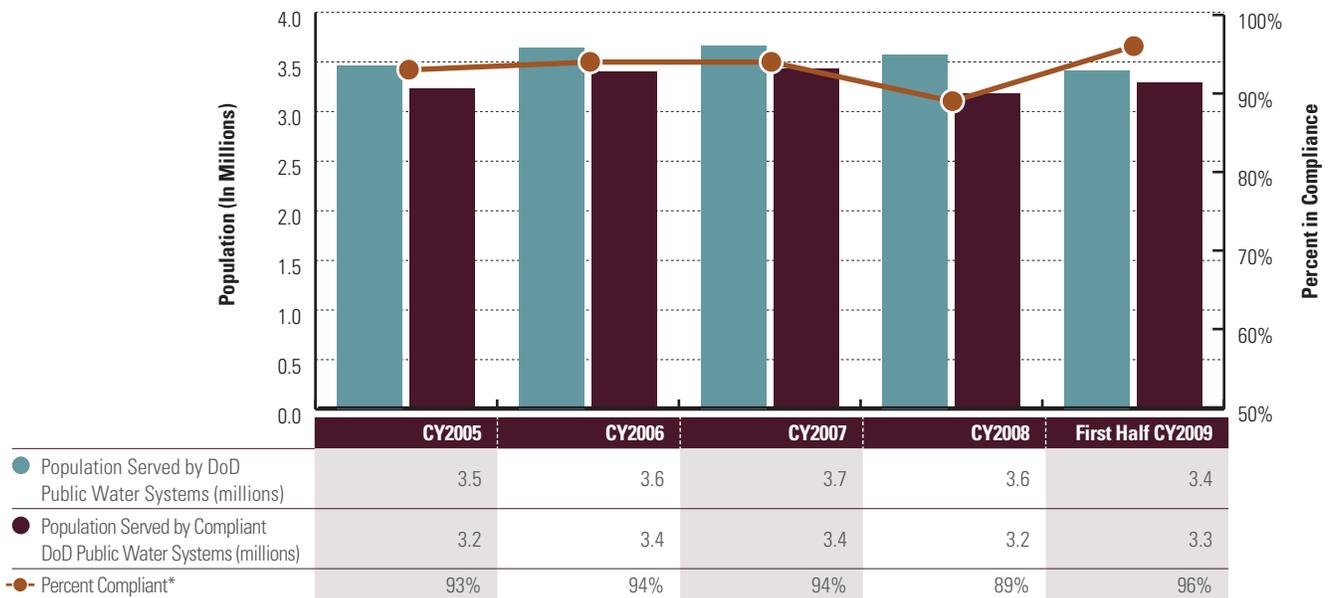
Appendix B, Section 6 contains Safe Drinking Water performance data by DoD Component.

Uniform National Discharge Standards

Overview

The UNDS Program mission is to provide a comprehensive system for regulating discharges incidental to the normal operation of Armed Forces vessels (i.e., Army [excluding the Army Corps of

Figure 6-5 Percent of DoD Population Served by DoD Public Water Systems in Compliance with Applicable Requirements (U.S. and Territories & Overseas)



* Compliance rates are calculated from exact populations

Engineers], Navy, Air Force, Military Sealift Command, and Coast Guard). The Navy and the U.S. Environmental Protection Agency (EPA) have been jointly working to develop and propose national standards that would control discharges from Armed Forces vessels. DoD's commitment to protect surface water quality goes beyond mere compliance with existing regulations, as proven by the 12-year investment in the UNDS program.

The UNDS program develops standards that will enhance environmental protection of coastal waters when finalized. The standards will encourage environmentally sound management practices, help standardize training for crews to perform missions, and influence future vessel construction.

Evaluation Criteria

DoD and EPA published the UNDS Phase I final rule on May 10, 1999. This required controls for 25 discharges from Armed Forces vessels. During Phase II, currently underway, the Navy and EPA, in consultation with the other Armed Forces stakeholders, are developing marine pollution control device performance standards that will control the 25 discharges identified in Phase I. The Phase II standards will be issued in five batches to facilitate the rule making process. This is preferable to conducting analyses and developing standards for all 25 discharges at one time. This process will allow the Navy and EPA to more efficiently conduct technical analyses and develop discharge standards.

Performance Summary

In FY2009, the Armed Services continued to develop the Phase II, Batch One discharge standards and supporting documentation. The Navy, in conjunction with the other Armed Forces stakeholders, completed drafts of the UNDS Phase II, Batch One preamble, proposed rule (including discharge standards), technical development document, and the administrative record. EPA is expected to review the Navy's proposed regulations in early FY2010. EPA will work jointly with the Navy to reach consensus on a proposed Batch One rules.

During Phase III, DoD, in consultation with EPA and the Coast Guard, will establish requirements for the design, installation, and operation of marine pollution control devices. DoD will ensure these requirements meet performance standards set forth in Phase II.

Enforcement Actions

During FY2009, DoD demonstrated the following performance:

- Decreased new enforcement actions **5 percent** despite a **9 percent** increase in inspections
- Decreased open enforcement actions **17 percent**

Overview

DoD is committed to full and sustained compliance with applicable federal, state, and local environmental requirements. Despite DoD's efforts to comply, events occur that cause non-compliance. During these events, regulatory agencies may issue enforcement actions. DoDI 4715.6 defines an enforcement action as any formal, written notification by EPA or other authorized federal, state, or local environmental regulatory agency of the violation of any applicable statutory or regulatory requirement. An open enforcement action is an enforcement action that has been issued, but is not yet resolved by the end of the reporting period (FY). A new enforcement action is an enforcement action received during the reporting period (FY). The date of an enforcement action is the date the installation receives formal written notification from the regulating authority. In general, the most serious enforcement actions may include fines or non-monetary penalties that the regulatory agency assesses.

DoD tracks Compliance Program enforcement actions administered under the authority of the following environmental statutes and the equivalent program for overseas enforcement actions:

- Clean Air Act (CAA) (air quality)
- Clean Water Act (CWA) (wastewater and stormwater)
- Safe Drinking Water Act (SDWA) (drinking water)
- Resource Conservation and Recovery Act (RCRA) Subpart C (hazardous waste)
- RCRA Subpart D (solid waste)
- RCRA Subpart I (underground storage tanks)

Evaluation Criteria

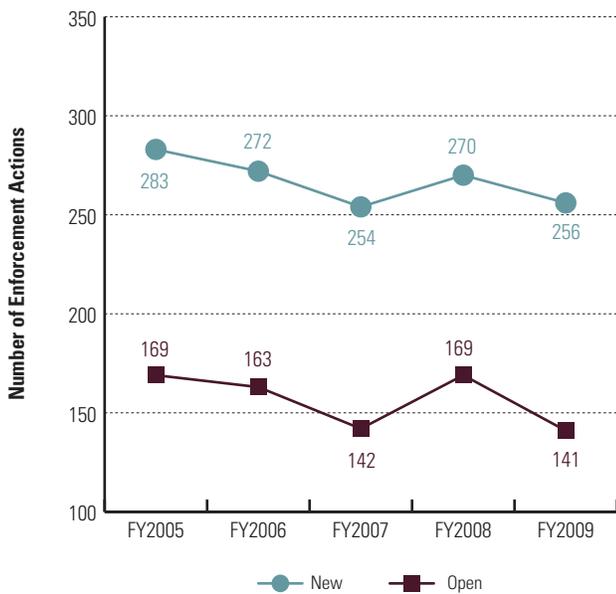
DoD's enforcement action goals are to:

- Maintain full and sustained compliance with environmental laws (U.S. and territories) and environmental obligations (overseas)
- Maintain robust self-audit and corrective action programs
- Identify and correct non-compliance in a timely manner

DoD reports the following metrics to evaluate performance toward enforcement action goals:

- Number of new and open DoD enforcement actions (U.S. and territories and overseas)
- Number of new inspections (U.S. and territories and overseas)
- Number of new enforcement actions by statute (U.S. and territories and overseas)
- Total monetary fines and penalties

Figure 6-6 Number of New and Open DoD Enforcement Actions (U.S. and Territories & Overseas)



Performance Summary

In FY2009, DoD reported 256 new enforcement actions, a 5 percent decrease from FY2008 and a 10 percent decrease from FY2005. Additionally, DoD reported 141 open enforcement actions, a 17 percent decrease from both FY2008 and FY2005 (Figure 6-6).

Despite a nine percent increase in inspections in FY2009, DoD continued to decrease the number of new enforcement actions (Figure 6-7). Nine percent of the 2,696 inspections resulted in new enforcement actions in FY2009, down from 11 percent in FY2008 and 13 percent in FY2005.

In FY2009, new enforcement actions for CWA, RCRA/C, RCRA/I, and SDWA decreased, while new enforcement actions for CAA, RCRA/D, and Other enforcement actions increased. CAA, CWA, and SDWA continue to be the top three statutes for which DoD receives new enforcement actions (Figure 6-8).

Local fines decreased 43 percent, and EPA fines decreased 48 percent in FY2009 (Figure 6-9). The State of New Mexico assessed Kirtland Air Force Base a fine of \$4.2 million for a RCRA/C violation, which accounts for the significant increase in FY2009 state fines. However, both parties negotiated payment down to \$2,100. The terms of the negotiation included two Settlement Agreement Projects: \$10.4 million for a new fuels facility upgrade, and \$450,000 for an Open Burn Unit Closure Action.

Appendix B, Section 6 contains enforcement action performance data by DoD Component.

Figure 6-7 Number of Inspections (U.S. and Territories & Overseas)

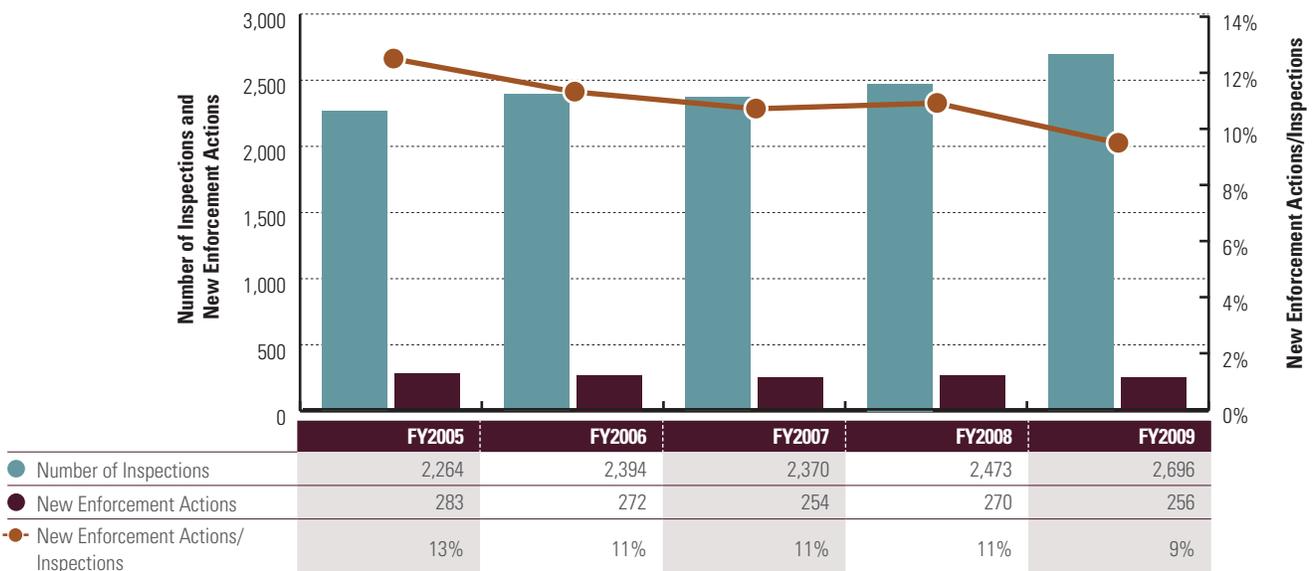
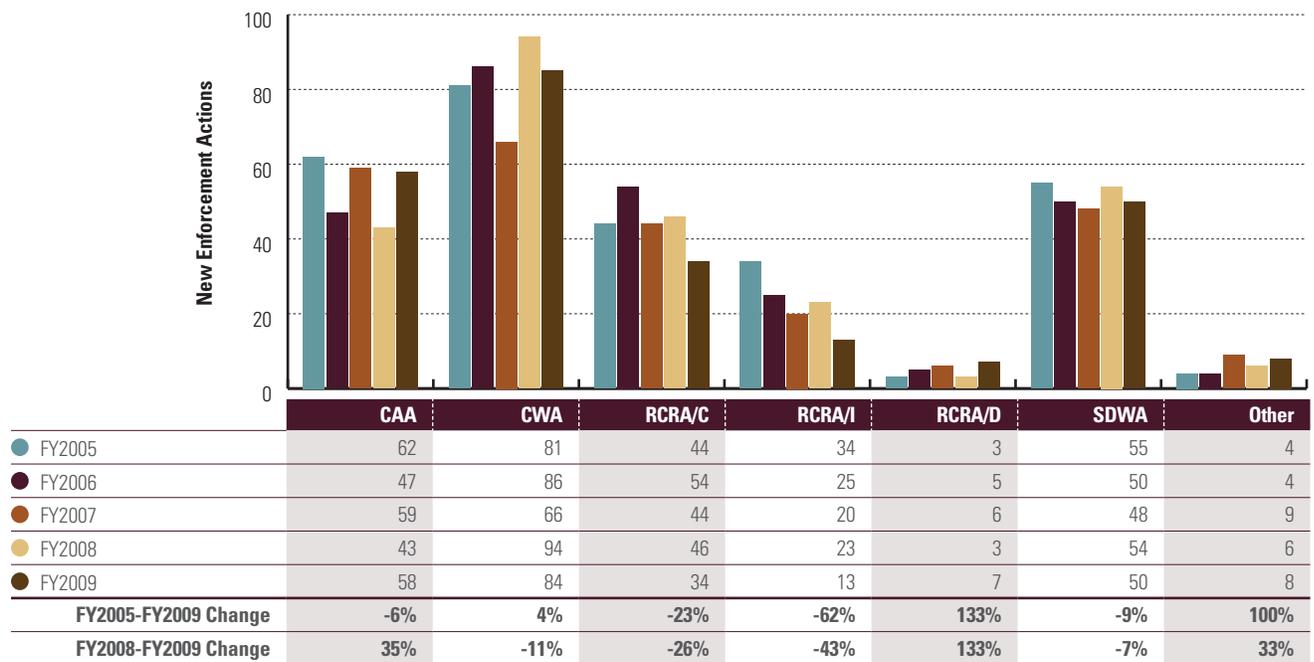
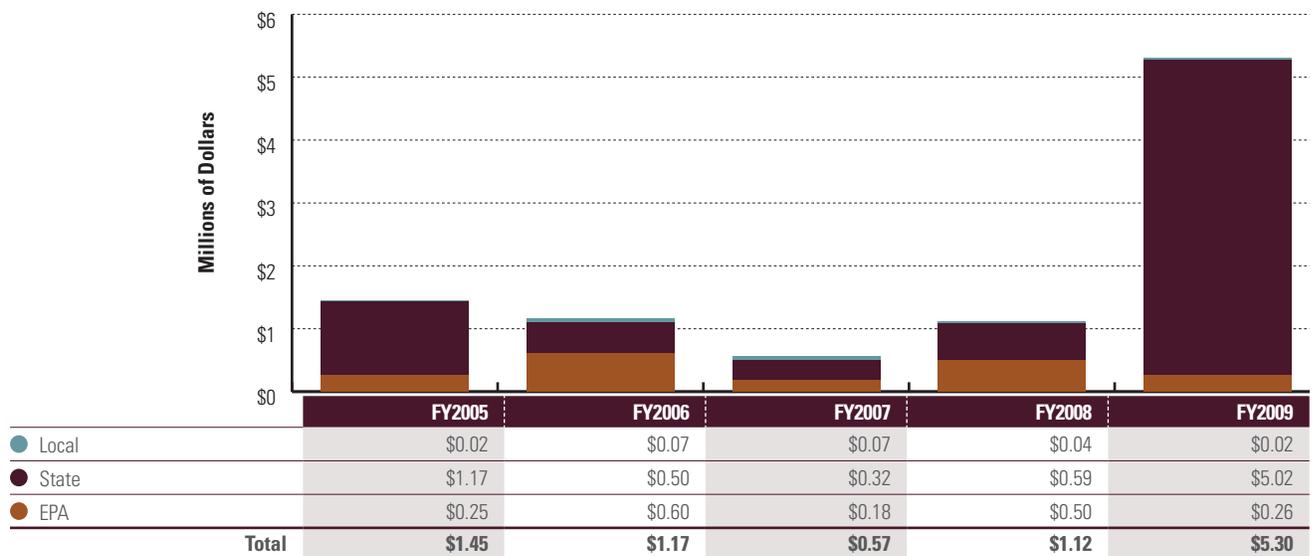


Figure 6-8 Number of New Enforcement Actions by Statute (U.S. and Territories)*



* Excludes new overseas enforcement actions by media.

Figure 6-9 DoD Monetary and Non-Monetary Fines and Penalties Assessed (millions of dollars)





7

Pollution Prevention

The Department of Defense's (DoD) Pollution Prevention Program reduces pollution through improvements in energy and water efficiency, the use of alternative fuels, and other activities that improve resource utilization. Within the Department, pollution prevention is the first priority in achieving compliance with applicable requirements. Through the Pollution Prevention Program, DoD ensures that ongoing operations are safe, uninterrupted, and contribute to sustained military readiness.

Pollution prevention goals and objectives help DoD to reduce future environmental restoration and compliance requirements and associated costs. DoD's primary pollution prevention framework ensures that DoD Components do two things:

- Comply with environmental laws, regulations, and standards
- Accomplish specific environmental objectives associated with an array of pollution prevention activities

Pollution Prevention at a Glance

Fiscal Year 2009 Funding: **\$114.4 million**

Program Accomplishments

- Diverted **66 percent** of construction and demolition (C&D) debris in Fiscal Year (FY) 2009
- Reduced hazardous waste disposal by nearly **14,000 tons** in Calendar Year (CY) 2008
- Updated the **DoD Green Procurement Strategy** to reflect new federal legislation and guidance in FY2009
- Increased recycling of Toxics Release Inventory (TRI) chemicals on-site by **27 percent** and off-site by **17 percent** in CY2008

Applicable Requirements

DoD's Pollution Prevention Program includes, but is not limited to, projects implemented to comply with the following regulations:

- 10 United States Code §2577
- 40 Code of Federal Regulations §261.2
- Executive Order (E.O.) 13423 "Strengthening Federal Environmental, Energy, and Transportation Management"
- Resource Conservation and Recovery Act (RCRA) §6002
- Energy Independence and Security Act of 2007
- Energy Policy Act (EPA) of 2005
- Federal Acquisition Regulation (FAR)
- 2002 Farm Security and Rural Investment Act (Farm Bill)
- Emergency Planning and Community Right-to-Know Act (EPCRA)
- FY2008 National Defense Authorization Act (NDAA) §888
- Pollution Prevention Act (PPA) of 1990

Strategic Policy and Planning Documents:

- DoD Instruction (DoDI) 4715.4 "Pollution Prevention"
- DoDI 4715.6 "Environmental Compliance"
- DoD Integrated Solid Waste Management (ISWM) Policy
- DoD Toxic and Hazardous Chemicals Reduction Plan
- DoD Green Procurement Strategy
- DoD Compliance Management Plan
- Consolidated EPCRA Policy for DoD Installations, Munitions Activities, and Operational Ranges

Management Practices

DoD established its Pollution Prevention Program in 1985, which continues to address difficult and complex problems while maintaining routine efforts using the following hierarchy:

- Source reduction
- Reuse
- Recycling
- Composting/mulching
- Incineration for volume reduction with energy recovery
- Other forms of volume reduction
- Landfilling

While source reduction is the most effective method of pollution prevention, additional measures across the range of military operations integrate sustainable practices into the day-to-day mission activities. Various organizational groups, strategic policy and planning documents, and training opportunities are in place to assist DoD Components with this integration.

Chapter Contents

This chapter summarizes performance trends for the following pollution prevention initiatives:

- Solid Waste
- Hazardous Waste
- Green Procurement
- Toxics Release Inventory
- Ozone-Depleting Substances

Solid Waste

During FY2009, DoD demonstrated the following performance:

- Diverted **39 percent** of non-hazardous municipal solid waste
- Diverted **66 percent** of construction and demolition (C&D) debris, **16 percentage points** over the established goal
- Diverted **55 percent** combined non-hazardous municipal solid waste and C&D debris

Overview

DoD activities generate residential and commercial waste, non-hazardous industrial waste, non-hazardous process waste, C&D debris, yard waste, and logistics waste such as packaging. Through Integrated Solid Waste Management (ISWM), DoD Components can determine the most cost effective, energy-efficient, and least-polluting ways to deal with the installation or facility solid waste stream.

Management Practices

DoD deploys integrated solutions to accomplish waste reduction goals. ISWM allows managers to make local waste diversion or disposal decisions based on waste stream characterizations, economic evaluations, and market analysis.

Installations must make every effort to maximize non-hazardous solid waste diversion to optimize reduction in both the volume of solid waste disposed and overall cost of non-hazardous solid waste management. Many installations establish Qualified Recycling Programs (QRPs) to recover value for material diverted from waste in addition to avoiding disposal costs. QRP managers identify opportunities to sell recyclable material and develop the diversion program based on recycling costs, sales proceeds, and avoided costs. In FY2009, DoD certified its intensive QRP Management training course through the Interservice Environmental Education Review Board.

Improved management and promotion of additional recycling opportunities support DoD waste reduction goals and lessens future disposal costs. Additionally, installations are better equipped to make good business decisions that reduce waste volume, maximize diversion, and realize potential cost savings.

Evaluation Criteria

DoD's ISWM Policy Memorandum sets two goals for non-hazardous solid waste:

- 40 percent diversion of non-hazardous municipal solid waste (without C&D) by the end of CY2010
- 50 percent diversion of C&D debris solid waste by the end of CY2010

DoD monitors progress toward the CY2010 diversion goals using solid waste and recycling metrics. These metrics calculate the rate at which installations prevent non-hazardous solid waste from entering a disposal facility. Each year, the percentage of solid waste diverted varies depending on the amount, location, and types of solid waste generated. C&D waste is dependent on the schedule for construction, demolition, and renovation projects at an installation.

Performance Summary

DoD has not only met, but exceeded agency goals for C&D debris diversion. Additionally, the overall implementation of ISWM practices resulted in cost-savings of \$162.7 million in FY2009. This amount represents the associated costs for solid waste and C&D debris received by landfills or incinerators.

DoD generated a total of approximately 5.2 million tons of solid waste in FY2009, consisting of 2.2 million tons of non-hazardous municipal solid waste and 3.0 million tons of C&D debris. The generation of municipal solid waste equates to 3.2 pounds per person each day. DoD diverted 39 percent of its non-hazardous municipal solid waste, which is consistent with previous years (Figure 7-1).

In FY2009, DoD's C&D diversion rate was 66 percent (Figure 7-2). While this rate represents a decrease from FY2008, it remains well above the 50 percent diversion goal for C&D debris.

Appendix B, Section 7 contains solid waste diversion data by DoD Component.

Figure 7-1 DoD Non-Hazardous Solid Waste Progress, excluding C&D Debris (millions of tons) (U.S. and Territories & Overseas)

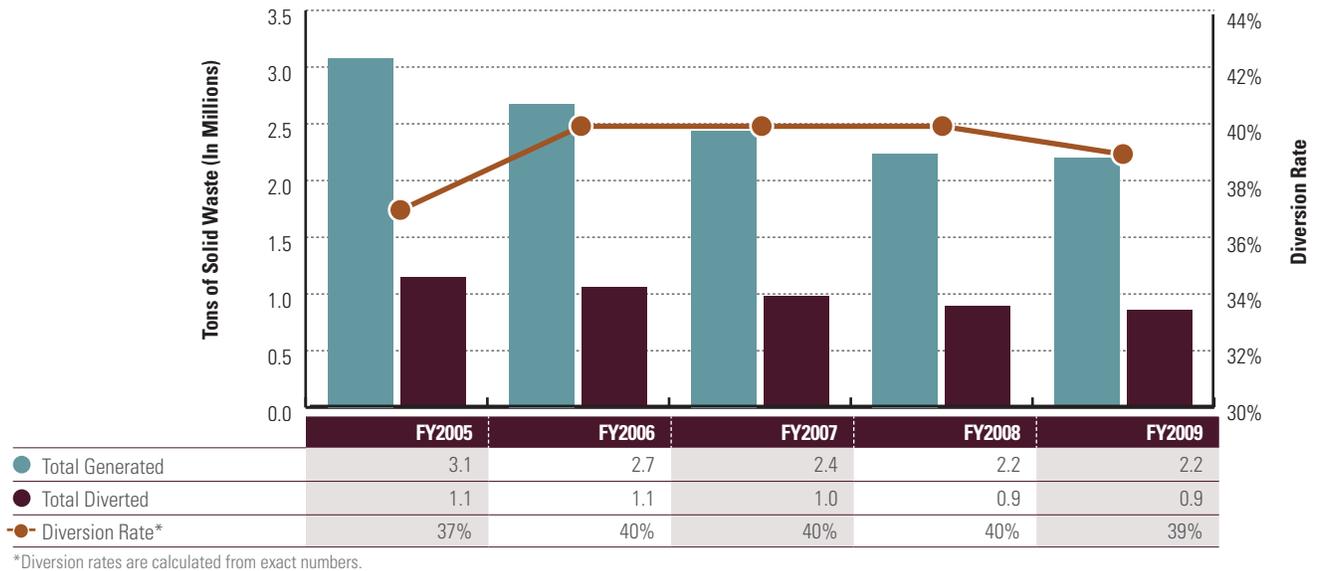
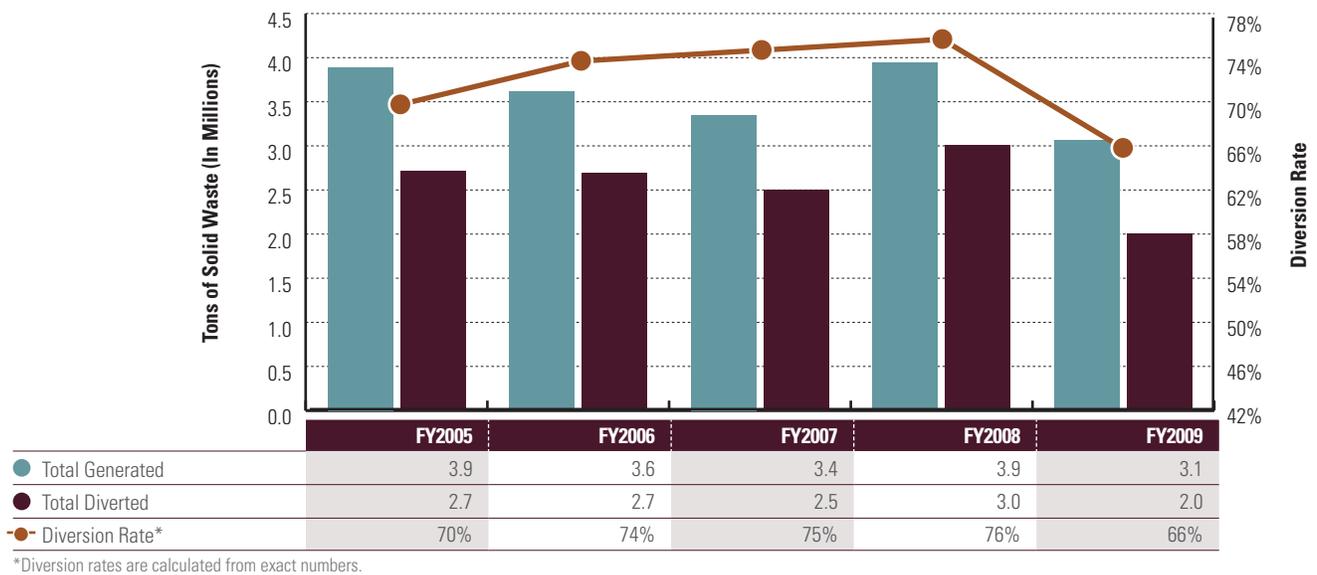


Figure 7-2 DoD C&D Debris Solid Waste Progress (millions of tons) (U.S. and Territories & Overseas)



Hazardous Waste

During CY2008, DoD demonstrated the following performance:

- Reduced disposal by **15 percent** from CY2007 to CY2008
- Reduced disposal by **53 percent** from CY1996 to CY2008
- Established the **DoD Toxic and Hazardous Chemicals Reduction Plan**

Overview

DoD's goal is to efficiently manage hazardous waste. Hazardous waste is a subset of solid waste and is any waste containing properties that are dangerous or potentially harmful to human health or the environment. DoD is successfully implementing major pollution prevention efforts to reduce hazardous waste disposal.

Management Practices

In January 2008, DoD deployed the agency-level Toxic and Hazardous Chemicals Reduction Plan (the Plan), outlining the DoD programs, initiatives, and actions necessary to reduce toxic and hazardous chemicals under E.O. 13423. The Plan follows three principles:

- Identify the major DoD programs and initiatives relevant to toxic and hazardous chemicals
- Build upon existing DoD programs and initiatives relevant to toxic and hazardous chemicals
- Use the DoD environmental management system (EMS) framework as a tool for achieving continual improvement in toxic and hazardous chemical management in DoD

DoD leverages the EMS framework to align and coordinate relevant programs at all organizational levels for reducing the procurement, use, release, or disposal of toxic and hazardous chemicals. As DoD's supply chain integrator and manager of hazardous chemicals, the Defense Logistics Agency (DLA) assists the Military Services in their efforts to comply with the Plan. Chapter 2 describes the Department's EMS Program in detail.

In June 2009, DoD's Chemical and Material Risk Management and Business Enterprise Integration Directorates held a two-day, strategic planning workshop to assist in developing a chemical management policy based on lifecycle costs, operational readiness, and mission impact.

This workshop served as a forum to:

- Share best practices
- Evaluate metrics

- Recognize progress
- Identify duplicate efforts
- Identify cost savings opportunities
- Make recommendations to ensure continuous improvement

Evaluation Criteria

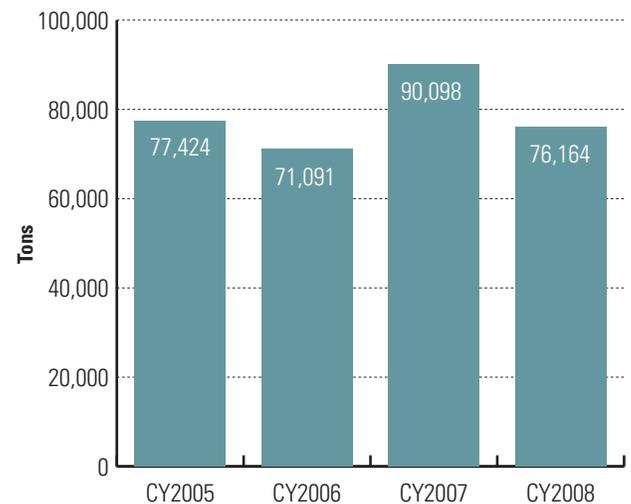
DoD calculates the hazardous waste reduction rate on a calendar year basis and includes hazardous waste treated on-site and shipped off-site in the United States, its territories, and overseas. In CY2005, DoD revised the hazardous waste metric to include hazardous waste treated on-site among certain waste categories targeted for reduction. Prior to CY2005, the metric included mainly hazardous waste shipped off-site (both recycled and disposed).

Performance Summary

In CY2008, DoD disposed over 76,000 tons of hazardous waste, which is 15 percent less than CY2007 (Figure 7-3). This represents a decrease from the CY1996 total of over 143,000 tons, largely due to reduced hazardous waste generated.

Appendix B, Section 7 contains hazardous waste performance data by DoD Component.

Figure 7-3 DoD Hazardous Waste Disposal (U.S. and Territories & Overseas)



Green Procurement

In FY2009, DoD demonstrated the following progress:

- Updated its **Green Procurement Strategy** to reflect new federal legislation and guidance
- Graduated **7,167 people** from the Defense Acquisition University (DAU) green procurement training course

Overview

DoD established its Green Procurement Program (GPP) in 2004 to practice sustainable and environmentally-friendly acquisition, and ensure that DoD purchasing activities are aligned with federal green procurement requirements.

DoD's GPP applies to the acquisition of all products and services that include but are not limited to office products (electronic equipment); printing services; fleet vehicles; fleet maintenance products; traffic control barricades and signage; park and recreation services; appliances; and building construction, renovation, and maintenance. These products and services fall into the following categories:

- Recycled-content products
- ENERGY STAR® and Federal Energy Management Program-designated products
- Water-efficient products
- Energy from renewable sources
- Biobased products
- Environmentally preferable products and services
- Alternative fuel vehicles and alternative fuels
- Low or non-toxic products
- Non-ozone depleting substances (ODSs)

The DoD GPP guiding elements are to:

- Educate DoD personnel about federal green procurement preference programs
- Increase the purchase of green products and services
- Reduce the amount of solid waste generated
- Reduce consumption of energy and natural resources
- Expand markets for green products and services

Management Practices

DoD's GPP is co-stewarded by the Deputy Under Secretary of Defense for Installations and Environment and the Director of Defense for Procurement and Acquisition Policy. To ensure DoD's GPP is meeting its internal and external requirements, DoD established a variety of management tools and workgroups. The management framework of the GPP is similar to the EMS framework:

- Policy
- Planning

- Implementation and operation
- Checking and corrective action
- Management review

DLA uses the following management tools to track agency procurement of environmentally friendly products as required in §314 of the FY2003 NDAA:

- **DoD EMALL** is a full service electronic shopping tool where DoD Components purchase goods and services for their installations. DoD EMALL helps DoD meet federal procurement requirements by identifying products that meet certain environmental criteria. DLA tracks these criteria in online reports that can be generated to show the total dollar amounts of green purchases by agency or installation.
- **Environmental Reporting Logistics System (ERLS)** generates a Green Procurement Report (GPR) to better meet the tracking requirements of §314 of the FY2003 NDAA. The GPR captures DLA requisitions from a variety of ordering systems. Then it calculates the dollar value of the requisitions by looking at the National Stock Numbers (NSNs) that are considered environmentally preferable in the Federal Catalog System (FCS).

Evaluation Criteria

The success of DoD's GPP can be measured in two ways:

1. How DoD's GPP is complying with federal procurement requirements
2. How the program is meeting DoD's own procurement goals

While the long-term goal of DoD's GPP is to achieve 100 percent compliance through the sustainable acquisition of green products and services, DoD has short-term goals to meet new or updated federal requirements, to meet its own GPP requirements, and to focus on specific areas of the program.

DoD's GPP outlines the following metrics, which DoD uses to evaluate compliance with federal requirements:

- Change in the number of "not required" and "meets requirements" codes from the individual contracting action report
- Increase in purchases of federally defined indicator items
- Increase in contracting personnel trained in green procurement
- Increase in organizations or installations participating in the Federal Electronics Challenge
- Decrease in contract audit findings indicating lack of compliance with GPP requirements

By adhering to these specific goals and metrics and ensuring compliance with federal procurement requirements, DoD's GPP is setting the standard for green procurement strategy and implementation.

Performance Summary

To date, DoD has seen several GPP success stories. The renovation of the Pentagon as a "green" building with an updated, sustainable design is one example of the success through the GPP program. After renovations, the Pentagon is now using energy- and water-efficient products, recycled-content materials, green cleaning products, and is improving indoor air quality.

In FY2009, DoD updated the Green Procurement Strategy to reflect new federal legislation and guidance. DoD also launched an online training course introducing the GPP, discussing applicable policies and laws, outlining the different components of the program, and discussing the implementation strategy. The course is available through the DAU and is used across the federal government.

Toxics Release Inventory

In CY2008, DoD demonstrated the following performance:

- Decreased hydrochloric acid (acid aerosols only) releases by **20 percent**
- Decreased lead releases by **7 percent**

Overview

The Toxics Release Inventory (TRI) or EPCRA §313 provides information about toxic chemicals that are released into the environment or transferred off-site for further waste management.

The purpose of TRI reporting is to establish an inventory of chemical releases in a publicly accessible database that includes information on routine and accidental releases of chemicals into the environment.

The relevant DoD policy is the "Consolidated EPCRA Policy for DoD Installations, Munitions Activities, and Operational Ranges" (referred to as DoD's Consolidated EPCRA Policy). This policy explains how EPCRA and TRI requirements apply to DoD installations, superseding all previous DoD EPCRA and TRI policies issued by the Office of the Secretary of Defense. DoD's Consolidated EPCRA Policy modified the reporting requirement for operational ranges, effective CY2007, recognizing that ranges on contiguous property are reported with the rest of the installation. Operational range activities will continue to be tracked separately from the main installation activities because DoD does not include facility releases from military munitions, operational range activities, and conventional and chemical military munitions demilitarization in reduction goals.

Evaluation Criteria

Each year, DoD facilities that are subject to the TRI requirements report DoD TRI chemical releases and off-site transfers to EPA, which are included in EPA's publicly accessible database, TRI Explorer (www.epa.gov/triexplorer). DoD uses the submitted TRI data to identify:

- Processes that produce DoD TRI chemical releases and off-site transfers
- Procedures that require the use of TRI toxic chemicals
- Pollution prevention opportunities

EPA's TRI Explorer includes information from a list of over 600 chemicals and 30 chemical categories. DoD facilities that manufacture, process, or otherwise use a TRI-listed chemical in quantities greater than the established reporting threshold over the course of a calendar year, evenly, intermittently, or in a single event, must report all releases and waste management activities on TRI chemical inventory forms, referred to as Form Rs. The TRI reporting period for this Defense Environmental Programs Annual Report to Congress is CY2008.

CY2008 Top 10 DoD TRI Chemicals

Figure 7-4 shows DoD's CY2008 top 10 TRI chemicals, the number of pounds released or transferred in CY2008, the percent change in chemical releases from the previous year, and the primary sources of each chemical's releases.

Figure 7-5 illustrates the change in the CY2004 top 10 DoD TRI chemicals.

Figure 7-4 CY2008 Top 10 DoD TRI Chemicals, Including Ranges (U.S. and Territories)

Name of Chemical	Pounds Released or Transferred	CY2007–CY2008 % Change	Primary Sources
1. Nitrate Compounds	16,822,155	5%	Energetic manufacturing operations, wastewater treatment operations
2. Copper	5,112,625	14%	Operational range activities
3. Lead Compounds	2,525,775	51%	Operational range activities
4. Lead	1,923,104	-7%	Operational range activities
5. Ethylene Glycol	982,567	68%	Vehicle maintenance
6. Aluminum (Fume or Dust)	748,497	152%	Operational range activities
7. Zinc (Fume or Dust)	519,700	118%	Munitions manufacturing
8. Dichloromethane	489,807	56%	Aircraft and vehicle maintenance
9. Hydrochloric Acid (1995 and After "Acid Aerosols" Only)	267,597	-20%	Co-manufactured by-product from wastewater treatment operations
10. Xylene (Mixed Isomers)	263,573	49%	Surface coating and ship preservation

Figure 7-5 Change in CY2004 Top 10 DoD Chemicals, Including Ranges, U.S. and Territories (Pounds Released or Transferred)

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % Change
1. Nitrate Compounds	15,530,463	14,512,774	16,003,171	15,970,190	16,822,155	8%
2. Copper	3,349,513	3,821,405	5,759,548	4,477,646	5,112,625	53%
3. Lead Compounds	1,432,743	1,699,037	1,917,832	1,676,646	2,525,775	76%
4. Lead	1,033,084	1,141,699	2,101,936	2,071,587	1,923,104	86%
5. Hydrochloric Acid (1995 and After "Acid Aerosols")	453,569	342,039	370,873	336,130	267,597	-41%
6. Aluminum (Fume or Dust)	325,005	382,249	325,231	296,786	748,497	130%
7. Dichloromethane	322,197	479,107	422,350	314,490	489,807	52%
8. Zinc (Fume or Dust)	316,906	311,654	323,281	238,333	519,700	64%
9. Toluene	223,286	271,639	197,357	218,734	223,663	0%
10. Xylene (Mixed Isomers)	213,720	268,319	241,992	177,288	263,573	23%
Total	23,200,486	23,229,922	27,663,571	25,777,830	28,896,496	25%

Figure 7-6 CY2008 Top 10 DoD TRI Installations (U.S. and Territories)

Name of Installation	Pounds Released or Transferred	CY2007–CY2008 % Change	Primary Sources
1. Radford AAP	14,318,846	3%	Energetic manufacturing operations
2. McAlester AAP	1,085,618	115%	Munitions manufacturing and demilitarization
3. Red River Army Depot	956,774	103%	Wheeled and tracked vehicle maintenance operations
4. Anniston Army Depot	625,637	14%	Heavy tracked vehicle maintenance
5. MCB Camp Lejeune Range	577,399	12%	Operational range activities
6. Pearl Harbor Naval Complex	552,279	46%	Wastewater treatment operations
7. Fort Bragg Range	547,599	66%	Operational range activities
8. Nellis AFB and Training Range	451,306	342%	Operational range activities
9. MCB Camp Lejeune	448,296	4%	Wastewater treatment operations
10. Fort Hood Range	390,134	83%	Operational range activities

CY2008 Top 10 DoD TRI Installations

Figure 7-6 shows DoD's CY2008 top 10 TRI installations, the number of pounds released or transferred in CY2008, the percent change in releases from the previous year, and the primary sources of each installation's releases.

Figure 7-7 illustrates the change in CY2004 top 10 DoD TRI installations.

Performance Summary

In CY2008, the majority of DoD's TRI on-site releases were released into the water and onto the land (Figure 7-8). TRI chemicals entering into the water on-site are primarily from nitrate compounds, which are released as a result of propellant manufacturing operations and wastewater treatment operations. TRI chemicals released on-site to the land are mainly from heavy metals (e.g., lead, copper),

which are a result of munitions that were either used on training ranges or treated/demilitarized during open burning and open detonation operations.

Recycling is an essential waste management activity because the process diverts chemicals from landfills, saves energy, and reduces costs. In CY2008, DoD sent 2.0 million pounds of TRI chemicals off-site to be recycled, a 17 percent increase from the previous reporting year. DoD also reported 68 million pounds of TRI chemicals were recycled on-site in CY2008, which resulted in a 27 percent increase from CY2007 (Figure 7-8).

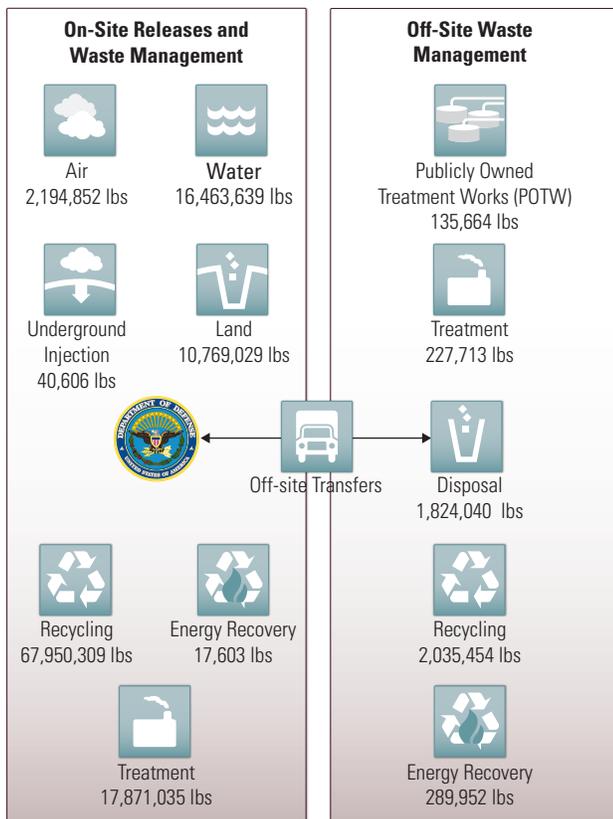
Beginning in CY2001, operational ranges were required to report DoD TRI chemical releases and off-site transfers. Previously, many installations were not required to report, including many National Guard bases and Reserve installations. In CY2001, 69 facilities reported 4.2 million pounds of DoD TRI chemical range releases and off-site transfers. The revised range reporting guidance in DoD's

Figure 7-7 Change in CY2004 Top 10 DoD Installations, U.S. and Territories (Pounds Released and Transferred)*

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % Change
1. Radford AAP	12,818,237	11,704,540	13,757,844	13,919,076	14,318,846	12%
2. MCB Camp Lejeune	719,992	504,922	537,250	432,333	448,296	-38%
3. Fort Sill Field DPW/EQD	541,127	454,457	543,358	335,276	194,444	-64%
4. Fort Bragg Range	429,653	459,717	555,636	329,769	547,599	27%
5. Anniston Army Depot	365,832	694,698	624,530	546,475	625,637	71%
6. Air Defense Artillery Center & Ranges Fort Bliss	349,255	360,820	134,069	236,146	226,227	-35%
7. MCB Camp Lejeune Range	332,892	306,153	419,548	517,593	577,399	73%
8. MCB Camp Pendleton	309,485	300,586	422,251	339,095	325,714	5%
9. Fort Dix Range	294,245	169,050	153,712	--	216,128	-27%
10. Pearl Harbor Naval Complex	294,092	517,958	329,226	377,068	552,279	88%
Total	16,454,811	15,472,900	17,477,424	17,032,830	18,032,568	10%

* A value of "--" represents no data reported

Figure 7-8 CY2008 DoD TRI Releases and Transfers, Including Ranges



Consolidated EPCRA Policy, effective in CY2007, resulted in an increase in range reporting. In CY2008, a total of 176 range facilities reported 9.2 million pounds of DoD TRI chemical releases and off-site transfers. This resulted in a 120 percent increase in releases since CY2001. In CY2008, range releases accounted for 29 percent of the total DoD TRI chemical releases and off-site transfers.

In CY2008, DoD reported 31.7 million pounds of TRI chemical releases and off-site transfers, including releases from operational ranges (Figure 7-9). This resulted in a 13 percent increase from the previous year and a 26 percent increase from CY2004. In CY2008, the largest increase of reportable quantities from the previous year was from chemicals sent off-site for disposal and not for treatment, recycling, or energy recovery.

When excluding DoD TRI chemical releases and off-site transfers reported from operational range activities, DoD's TRI chemical releases and off-site transfers totaled 22.5 million pounds in CY2008, a 10 percent increase from the previous year and a 16 percent increase from CY2004 (Figure 7-10).

DoD's total TRI chemical releases and off-site transfers, excluding releases from operational ranges are used to measure progress in reducing overall chemical releases. DoD does not include releases from operational range activities as part of the reduction efforts.

Appendix B, Section 7 contains TRI performance data by DoD Component.

Figure 7-9 DoD TRI Reportable Quantities, Including Ranges, U.S. and Territories (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % Change
On-site to Water	15,047,339	14,132,130	15,628,423	15,539,126	16,463,639	9%
On-site to Air	2,268,777	2,205,025	2,142,410	1,843,543	2,194,852	-3%
On-site Underground Injection	0	0	34,877	34,508	40,606	0%
On-site to Land	6,546,294	7,740,930	10,559,615	9,100,333	10,769,029	65%
Off-site to POTW	148,672	221,007	211,994	130,725	135,664	-9%
Off-site Treatment	389,928	681,889	689,221	193,723	227,713	-42%
Off-site Disposal	640,445	651,428	1,160,777	1,188,412	1,824,040	185%
Total	25,041,456	25,632,409	30,427,317	28,030,370	31,655,544	26%

Figure 7-10 DoD TRI Reportable Quantities, Excluding Ranges, U.S. and Territories (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % Change
On-site to Water	15,047,185	14,131,901	15,626,580	15,537,100	16,460,754	9%
On-site to Air	2,200,404	2,149,466	2,073,081	1,630,607	1,663,090	-24%
On-site Underground Injection	0	0	34,877	34,508	40,606	0%
On-site to Land	881,555	874,138	1,023,989	1,686,317	2,163,642	145%
Off-site to POTW	148,672	111,007	211,994	130,725	135,605	-9%
Off-site Treatment	389,928	681,889	689,221	193,278	227,713	-42%
Off-site Disposal	640,284	569,423	1,050,545	1,171,158	1,782,718	178%
Total	19,308,028	18,517,823	20,710,288	20,383,693	22,474,129	16%

Ozone-Depleting Substances

- To date, DoD has recovered and sent **10 million pounds** of Ozone-Depleting Substances (ODSs) to the Defense Reserve for reclamation and use in mission-critical applications.

Overview

DoD is committed to reducing the use of ODSs as part of its mission to sustain the environment. Ground-level ozone is a pollutant that poses a significant threat to human health and the environment. However, naturally occurring ozone in the stratosphere filters potentially damaging ultraviolet (UV) radiation from the sun. ODSs are compounds that deplete this protective layer in the stratosphere, allowing higher levels of UV radiation to reach the Earth's surface. Exposure to UV radiation increases the risk of skin cancer, cataracts, and weakened immune systems in humans. Moreover, UV radiation can impact photosynthesis and disrupt plant metabolism, blocking natural food chains and agricultural productivity. DoD is committed to reducing the use of ODSs as part of its mission to sustain the environment.

DoD has used ODSs in various applications. Some of these include:

- Shipboard and submarine refrigeration and cooling
- Shipboard machinery and flammable liquid compartment fire suppression systems
- Facility air conditioning, refrigeration, and fire suppression systems
- Armored vehicle explosion suppression and engine compartment fire suppression systems
- On-board aircraft fire suppression systems
- Carrier deck and flight line fire protection
- Tactical vehicles air conditioning
- Electronics cooling
- Precision cleaning solvents
- Foam blowing

Through DoD's ODS Program, DoD Components select alternative chemicals with lower or zero ozone depletion potential without sacrificing the quality of the mission.

Management Practices

DLA manages DoD's ODSs through a Defense Reserve located in Richmond, Virginia. ODSs at the reserve are classified into two distinct types.

- Class I ODSs have a high ozone depleting potential and include chlorofluorocarbons (CFCs), halons, and methyl chloroform

- Class II ODSs have a lower ozone depleting potential and include hydrochlorofluorocarbons (HCFCs)

The Defense Reserve accepts both used and unused CFCs, halons, and HCFC-22. As part of DoD's pollution prevention efforts, the Department has instituted specific procedures to ensure these substances are available only to authorized users. In addition to serving as a warehouse, the Defense Reserve operates as a repair facility, providing reclamation of turned in ODSs and cylinder refurbishment.

The Defense Reserve is an essential part of the Department's plan for phasing out the use of ODSs and provides DoD with the capability to recover and centrally receive, reclaim, and issue ODSs. The importance of this inventory has escalated because replacement of ODSs has proven to be more difficult than projected, and alternatives are not as available as expected.

Performance Summary

DoD

DoD is a leader in ODS reduction and was one of the first organizations to commit to finding solutions to reduce the use of ODSs following the 1987 Montreal Protocol.

DoD developed the world's first Halon 1301 alternative for certain military weapon systems. During the 20th anniversary celebration of the Montreal Protocol, DoD received a Best-of-the-Best Stratospheric Ozone Protection Award from EPA. The Department was presented with the award for its leadership in military ozone layer protection and in developing ozone-friendly policies and technologies. To date, DoD Components have recovered and sent approximately 10 million pounds of ODSs to the Defense Reserve for reclamation and use in mission-critical applications.

DoD Components annually report the status of ODS performance, which is summarized below.

Army

The Army remains committed to removing all ODSs from its inventory. The Army's vision for ODS elimination has four main elements:

- Support the development of affordable ODS alternatives
- Promote the retrofit of all Army weapon systems dependent on ODSs
- Ensure ODSs are available for mission-dependent weapon systems
- Prohibit the use of ODSs in weapon system development and design

To align with its vision, the Army began eliminating ODSs in industrial and weapon system processes. Since 1992, the Army has eliminated:

- 98 percent of Class I ODSs used in facilities, including 100 percent elimination of halon used for fire suppression and 100 percent elimination of CFC used for air conditioning and refrigeration
- 75 percent of Class I ODSs used in weapons system support, including 68 percent reduction in halon use for legacy weapon systems
- 100 percent of Class I ODS solvents used in maintenance and industrial operations

All Army installations have ODS elimination plans in place. For Class I ODSs, installations are prohibited from using new CFC refrigerants in air conditioning and refrigeration systems, although recovered CFCs can be reused. Also, installations are prohibited from purchasing new halon or reusing halon recovered from retrofitted fire suppression systems in buildings. All recovered halon must be turned in to the Defense Reserve, where a stockpile of approximately one million pounds is stored for mission-critical legacy weapon systems. Ongoing efforts to expand the Reserve include storing HCFC-22, a Class II ODS used for tactical refrigeration and air conditioning.

The Army is a world leader behind the research and development needed to eliminate ODSs. The Army has:

- Identified halon alternatives for explosive protection in the crew compartments of manned vehicles
- Retrofitted engine fire suppression systems
- Developed a "natural" refrigerant using carbon dioxide (CO₂)

Navy

The Navy's comprehensive plan to reduce ODSs outlines instructions to:

- Conserve existing supplies of Class I ODSs
- Establish a reserve of Class I ODSs to support mission-critical operations
- Develop next-generation, ozone-friendly systems for new acquisition programs
- Convert existing systems using Class I ODSs to environmentally preferable alternatives, when technically and economically feasible

Since 1989, this plan has reduced the Navy's annual consumption of Class I ODSs by nearly 97 percent. To date, the Navy has retrofitted or replaced nearly all of the 3,000 CFC-containing air conditioning and refrigeration

systems at shore facilities. Navy policy also prohibits the refill of existing shore facility halon fire suppression systems in the event of discharge.

For mission-critical legacy weapons systems, the Navy uses a combination of retrofit and end-of-life phase-out for Class I ODSs. Between 1993 and 2008, the Navy converted over 1,190 shipboard CFC air conditioning and refrigeration systems to non-CFC refrigerants. The Navy returned any recovered CFC refrigerant to the Defense Reserve.

The Navy designed and flew the first aircraft in the world using alternatives to halon fire suppression systems and continues to install non-halon systems in new aircraft. The Navy is also a world leader in developing and implementing halon alternatives for new ship designs. Additionally, Navy ships use high efficiency non-CFC chillers and food refrigeration systems, which are up to 25 percent more energy-efficient than older CFC systems.

Marine Corps

The Marine Corps has successfully implemented its ODS plan at the installation level. With the exception of Marine Corps Base Camp Butler, Japan, and Marine Corps Base Hawaii, all Marine Corps installations have transitioned to non-ODS substitutes or technology. All Marine Corps installations are fully expected to transition to non-ODS substitutes or alternative technology by December 2010.

The Defense Reserve supports weapon systems that are mission-critical to the Marine Corps. These weapon systems include the Amphibious Assault Vehicle, the Light Armored Vehicle, and the M1A1 Main Battle Tank. The Marine Corps is also implementing a transition plan to upgrade fire suppression systems for the Light Armored Vehicle to non-ODS technology.

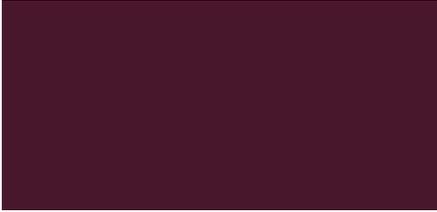
Air Force

Since 1993, the Air Force has eliminated over 96 percent of its original annual ODS usage. By recovering halon from retired fire suppression systems and extinguishers, the Air Force contributes to the Defense Reserve stockpile.

The Air Force plans to replace over 2,000 F-15 and F-16 fighter aircraft, which use ODSs in integrated fire and explosion suppression systems, with the F-22 and F-35 aircraft, which have no ODS requirements.

The Air Force is continuing to work with the Navy to find an effective replacement for fire-extinguishing systems. If successful, this effort would eliminate the largest remaining Air Force ODS use.

Over the last two decades, Air Force organizations have won numerous ozone protection awards. Most recently, EPA recognized Air Force at an awards ceremony held in conjunction with the 20th anniversary of the Montreal Protocol. Air Force was presented with two Best-of-the-Best Stratospheric Ozone Protection Awards: one award for the overall Air Force ODS Management program and another for Air Force Research Laboratory's and Aeronautical Systems Center's work on aviation halon replacement.



8

Restoration

The Department of Defense (DoD) began environmental restoration in 1975, under the Installation Restoration Program (IRP). In 1980, Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as Superfund. CERCLA requires responsible parties to clean up hazardous substances released to the environment. The 1986 Superfund Amendments and Reauthorization Act (SARA) refined and expanded CERCLA. SARA formally established the Defense Environmental Restoration Program (DERP), funded by Defense Environmental Restoration (ER) accounts. Congress subsequently authorized four rounds of Base Realignment and Closure (BRAC) in 1988, 1991, 1993, and 1995—called Legacy BRAC—and a fifth in 2005, called BRAC 2005. Cleanup at BRAC installations is funded through the BRAC accounts, and is managed in accordance with the DERP.

Restoration at a Glance

Fiscal Year 2009 Funding: **\$2.0 billion**

Program Accomplishments

- Decreased Cost-to-Complete (CTC) estimates for munitions response sites (MRSs) at active installations by **36 percent** from Fiscal Year (FY) 2005
- Transferred **3,988 acres** under BRAC Early Transfer Authority (ETA)
- Achieved remedy in place (RIP) or response complete (RC) at **71 percent** of IRP sites on Formerly Used Defense Sites (FUDS) properties
- Established **Joint Measures Harmonization Workgroup** with U.S. Environmental Protection Agency (EPA)

Applicable Requirements

DoD conducts cleanup in accordance with the following federal requirements:

- 42 United States Code (U.S.C.) §§ 9601–9675, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Superfund Amendments and Reauthorization Act (SARA) §211
- 10 U.S.C. §§ 2700–2710
- Executive Order (E.O.) 12580—Superfund Implementation
- The Defense Base Closure and Realignment Act

In addition, DoD developed policies and guidance to meet the above requirements, including:

- DoD Instruction 4715.7 “Environmental Restoration Program”
- The 2001 Management Guidance for the Defense Environmental Restoration Program (DERP)
- DoD Memorandum “Interim Policy for Defense Environmental Restoration Program Eligibility”
- DoD Memorandum “Policy Concerning Cost-Recovery/Cost-Sharing Activities Under the Defense Environmental Restoration Program (DERP)”

Throughout Fiscal Year (FY) 2009, DoD continued to update the DERP Manual, which will supersede the 2001 Management Guidance for the DERP.

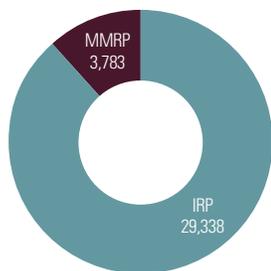
Management Practices

DERP Process

The DERP includes three program areas:

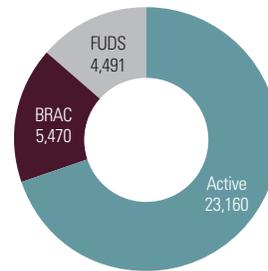
- **Installation Restoration Program (IRP)**—The IRP governs cleanup (i.e., identification, investigation, removal actions, remedial actions, or a combination of removal and remedial actions) to address the releases of hazardous substances, pollutants, or contaminants; petroleum, oil, and lubricants; DoD-unique materials; hazardous wastes or hazardous waste constituents; explosive compounds released as a result of ammunition or explosives production or manufacturing at ammunition plants; and unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC) that are incidental to an IRP site.
- **Military Munitions Response Program (MMRP)**—The MMRP, established in 2001, addresses safety, environmental health, and hazards from UXO, DMM, and MC at munitions response sites (MRSs). The MMRP applies only to locations other than operational ranges on active and BRAC installations, and Formerly Used Defense Sites (FUDS) properties.

Figure 8-1 Total Number of Restoration Sites by Program



Total Sites: 33,121

Figure 8-2 Total Number of Restoration Sites by Installation or Property Type



Total Sites: 33,121

- **Building Demolition/Debris Removal (BD/DR)**—BD/DR provides for the demolition and removal of unsafe buildings and structures at facilities or sites that meet specified criteria. Most BD/DR activities take place on FUDS properties. Due to the small size of the program (403 sites), BD/DR sites are included in IRP site counts unless otherwise indicated.

Through these program areas, DoD conducts cleanup on three types of properties: active installations, BRAC installations, and FUDS properties (Figures 8-1 and 8-2). DoD also addresses contamination that has migrated from defense installations or properties to neighboring communities.

Risk Management and Prioritization

The Department prioritizes funding to clean up sites that pose the greatest threat to human health and the environment first; cleanup proceeds with a “worst-first” approach. Factors such as economic, programmatic, and stakeholder concerns may also affect cleanup prioritization.

DoD uses two tools to determine a site’s risk relative to other sites: the Relative Risk Site Evaluation (RRSE) for IRP sites, and the Munitions Response Site Prioritization Protocol (MRSPP) for MRSs.

Relative Risk Site Evaluation

DoD uses the RRSE to prioritize IRP sites into three categories: high, medium, or low relative risk. The rating is based on the nature and extent of the site’s contamination, the likelihood that contaminants will migrate, and potential impacts on populations and ecosystems.

At BRAC installations, DoD considers the RRSE framework when determining site prioritization; however, reuse needs and priorities, as well as property transfer and redevelopment plans, are also important factors.

Munitions Response Site Prioritization Protocol

The MRSPP consists of three separate modules to evaluate hazards associated with:

1. Explosives
2. Chemical warfare materiel
3. MC and incidental environmental contaminants

Based on relative risk in these hazard areas, DoD gives each MRS a numeric score or an alternative rating. This information affects how DoD sequences MRSs for cleanup.

DoD Components were required to report MRSPP scores beginning in FY2008. Through FY2009, DoD had assigned numeric scores to 706 MRSs and alternative ratings to

3,077 MRSs. Of those, one is sequenced for cleanup ahead of higher priority MRSs. DoD investigated this site under the IRP, and began cleanup under the IRP. As DoD identified additional munitions contamination was identified, the site moved to the MMRP. It is sequenced for cleanup ahead of higher priority MRSs to continue the cleanup started under the IRP.

To help educate military personnel on implementing the MRSPP, DoD released an online MRSPP training program in FY2009. The online training course is available through Joint Knowledge Online at <http://jko.cmil.org> (course number: J3OP-US452).

Evaluation Criteria

Program Goals—When carrying out environmental restoration, DoD primarily strives for two program goals: remedy in place (RIP), which shows that cleanup systems are constructed and operational, and response complete (RC), which shows that the site has achieved the agreed upon cleanup standards (though it may still be monitored

Figure 8-3 DoD Restoration Performance Goals

Active Installations	
IRP	Reduce risk or achieve RIP/RC at all high relative risk sites by the end of FY2007
	Reduce risk or achieve RIP/RC at all medium relative risk sites by the end of FY2011
	Reduce risk or achieve RIP/RC at all low relative risk sites by the end of FY2014
	Achieve RIP/RC at all sites by the end of FY2014
MMRP	
	Complete preliminary assessments (PAs) at all MRSs by the end of FY2007
	Complete site inspections (SIs) at all MRSs by the end of FY2010
	Achieve RIP/RC at all MRSs by the end of FY2020
BRAC Installations	
IRP	Achieve RIP/RC at all Legacy BRAC IRP sites by the end of FY2015
	Achieve RIP/RC at all BRAC 2005 IRP sites by the end of FY2014
MMRP	
	Achieve RIP/RC at all Legacy BRAC MRSs by the end of FY2009
	Achieve RIP/RC at all BRAC 2005 MRSs by the end of FY2017
FUDS Properties	
IRP	Reduce risk or achieve RIP/RC at all high relative risk sites by the end of FY2007
	Reduce risk or achieve RIP/RC at all medium relative risk sites by the end of FY2011
	Reduce risk or achieve RIP/RC at all low relative risk sites by the end of FY2020
	Achieve RIP/RC at all sites by the end of FY2020
MMRP	
	Complete PAs at all MRSs by the end of FY2007
	Complete SIs at all MRSs by the end of FY2010

due to restricted property use). The Department develops specific IRP and MMRP goals, with target time lines for achieving risk reduction and RIP/RC (Figure 8-3).

Cost-to-Complete (CTC) Estimates—CTC estimates are the anticipated funds needed to complete cleanup at IRP sites and MRSs. DoD uses CTC estimates to ensure that installations and FUDS properties use cost-effective cleanup strategies. CTC estimates indicate cleanup progress by decreasing as restoration sites move through the phases of cleanup and achieve program goals.

Restoration Phases and Milestones—RIP/RC corresponds to phases in the CERCLA cleanup process (Figure 8-4). DoD Components monitor cleanup progress and risk reduction at sites by aligning cleanup status with five phases or milestones in the CERCLA process: (1) investigation completed, underway, or planned, (2) cleanup completed, underway, or planned, (3) RIP, (4) RC, and (5) long-term management (LTM) completed, underway, or planned.

To address inconsistencies between DoD and U.S. Environmental Protection Agency (EPA) data when reporting progress, DoD and EPA established a Joint Measures Harmonization Workgroup in FY2009. The Workgroup’s objective is to review both agencies’ goals and performance metrics and develop a transparent, consistent approach to reporting the progress of DoD’s cleanup program.

Chapter Contents

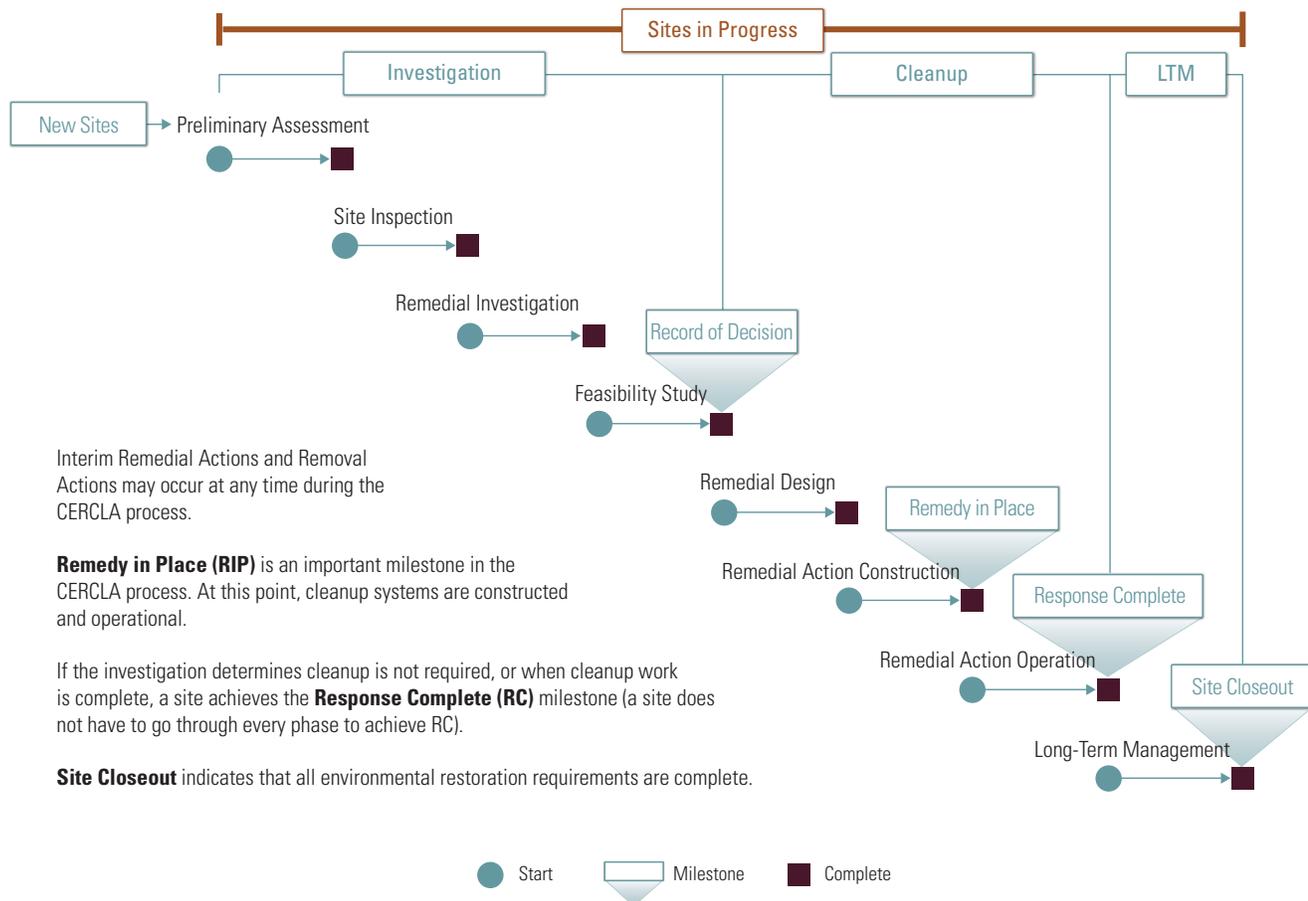
This chapter summarizes DERP performance trends for the Department’s:

- Active Installations
- BRAC Installations
- FUDS Properties

This chapter also summarizes the program status of two initiatives that support DERP goals:

- Cost Recovery
- Restoration Partnerships

Figure 8-4 DoD CERCLA Environmental Restoration Phases and Milestones



Active Installations

DoD demonstrated the following performance:

- Achieved RIP/RC at **86 percent** of all IRP sites through FY2009
- Completed preliminary assessments (PAs) at **97 percent** of all MRSs through FY2009
- Decreased CTC estimates for IRP sites and MRSs by **22 and 36 percent**, respectively, from FY2005

Overview

DoD funds cleanup of IRP sites and MRSs at active installations through five ER accounts: Army, Navy, Air Force, FUDS, and Defense-wide.

DoD measures progress toward specific goals for IRP sites and MRSs at active installations (Figures 8-6 and 8-8). DoD Components use the goals to help guide investment decisions and set restoration targets for each fiscal year. In FY2009, DoD added 1,505 IRP sites and 157 MRSs to its inventory of sites on active installations, primarily due to expanded DERP eligibility. These sites are not subject to existing relative risk reduction, PA, or site inspection (SI) goals.

Performance Summary

Through FY2009, DoD has identified 21,333 IRP sites and 1,827 MRSs on active installations (Figures 8-5 and 8-7).

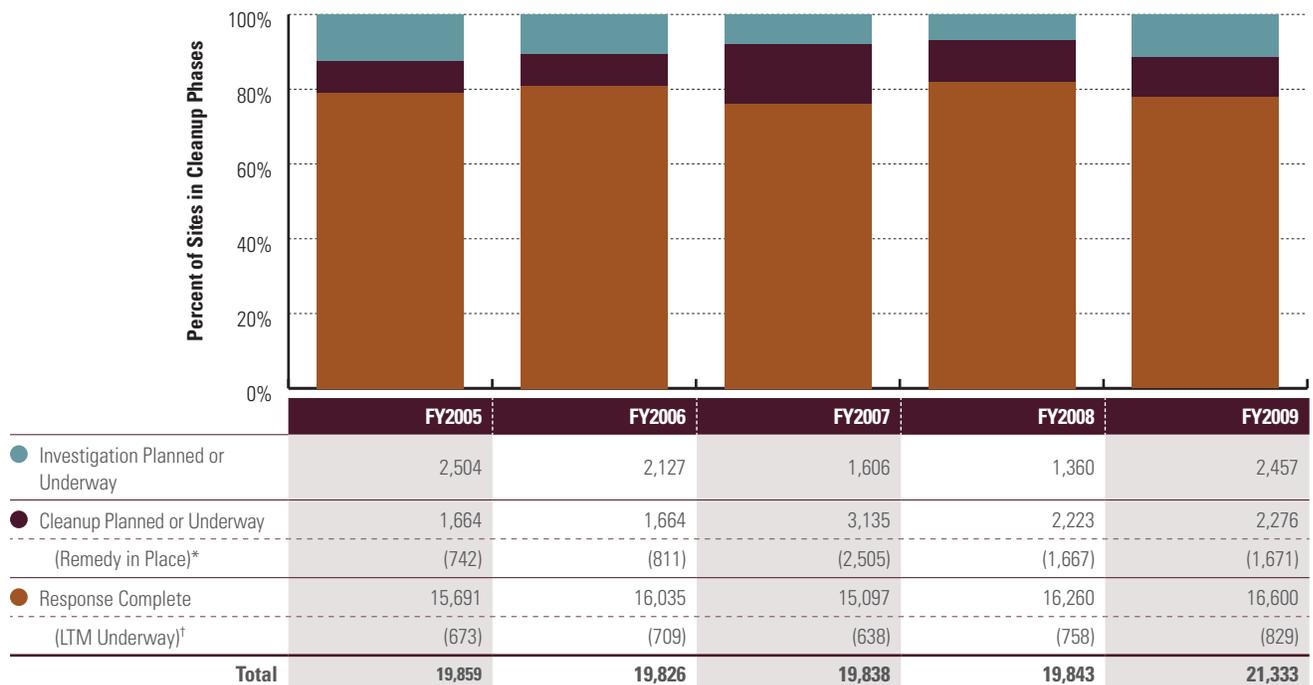
Installation Restoration Program Performance

Between FY2005 and FY2009, DoD increased the percentage of IRP sites achieving RIP/RC from 83 to 86 percent (Figure 8-6). By FY2009, DoD had achieved RIP/RC at 94 percent of high relative risk IRP sites, up from 76 percent in FY2005. While DoD did not achieve RIP/RC at all high relative risk sites by FY2007 as planned, it is working aggressively to reduce risk at the remaining sites. These sites generally pose significant challenges due to their complexity.

From FY2008 to FY2009, DoD increased the number of sites achieving RIP/RC by 344 sites. However, due to the 1,505 new sites in the inventory, the percentage of sites achieving RIP/RC declined from 90 to 86 percent (Figure 8-6).

DoD has been moving sites successfully through the investigation and cleanup phases and achieving RC (Figure 8-5). Between FY2005 and FY2008, DoD had decreased sites in the investigation phase from 13 to 7 percent, and increased sites achieving RC from 79 to 82 percent.

Figure 8-5 DoD IRP Site Status at Active Installations by Cleanup Phase



* Remedy in Place is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

Figure 8-6 DoD Progress Toward IRP Performance Goals at Active Installations*

IRP Goal	FY05	FY06	FY07	FY08	FY09
Reduce risk or achieve RIP/RC at all high relative risk sites by the end of FY2007	76%	83%	92%	93%	94%
Reduce risk or achieve RIP/RC at all medium relative risk sites by the end of FY2011	48%	52%	58%	65%	70%
Reduce risk or achieve RIP/RC at all low relative risk sites by the end of FY2014	57%	59%	65%	69%	74%
Achieve RIP/RC at all sites by the end of FY2014	83%	85%	89%	90%	86%

* New sites added to the inventory in FY2009 are not subject to relative risk reduction goals.

Between FY2008 and FY2009, DoD achieved RC at an additional 340 sites (Figure 8-5). However, the addition of 1,505 new sites to the inventory caused sites in the investigation phase to increase from 7 to 12 percent and sites achieving RC to decrease from 82 to 78 percent, relative to the total number IRP sites.

Military Munitions Response Program Performance

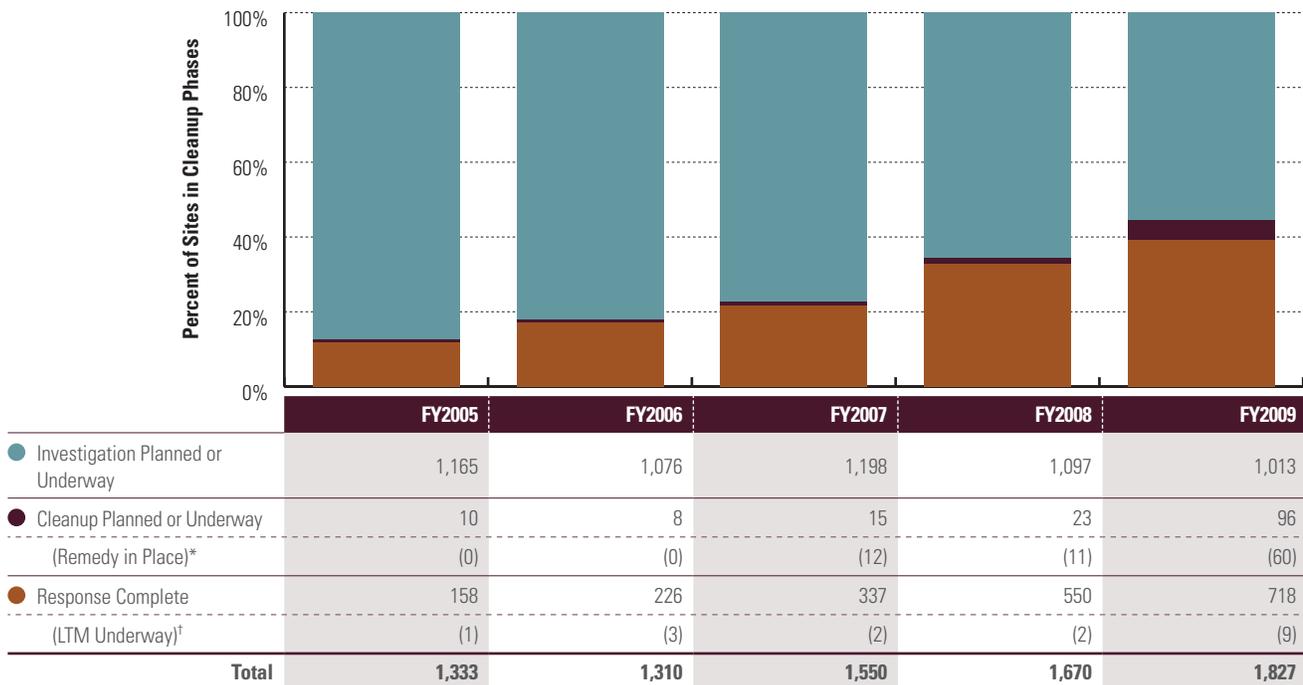
DoD has completed PAs at 97 percent of all MRSs and SIs at 72 percent of all MRSs (Figure 8-8). The Department strives to complete PAs and SIs, even as it continues to identify new MRSs.

With 11 years until its target, the Department has achieved RIP/RC at 43 percent of all MRSs (Figure 8-8). DoD has increased sites achieving RIP/RC from 12 percent in FY2005 and 34 percent in FY2008.

Between FY2005 and FY2009, DoD has progressed MRSs through the cleanup phases: since FY2005, DoD has decreased sites in the investigation phase from 87 to 55 percent, with a corresponding increase in sites achieving RC from 12 to 39 percent (Figure 8-7).

Since FY2008, DoD has decreased sites in the investigation phase from 66 to 55 percent, and increased sites achieving RC from 33 to 39 percent (Figure 8-7).

Figure 8-7 DoD MRS Status at Active Installations by Cleanup Phase



* Remedy in Place is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

Figure 8-8 DoD Progress Toward MMRP Performance Goals at Active Installations*

MMRP Goal	FY05	FY06	FY07	FY08	FY09
Complete PAs at all MRSs by the end of FY2007	69%	70%	96%	95%	97%
Complete SIs at all MRSs by the end of FY2010	14%	24%	29%	51%	72%
Achieve RIP/RC at all MRSs by the end of FY2020	12%	17%	23%	34%	43%

* New sites added to the inventory in FY2009 are not subject to the PA or SI goals.

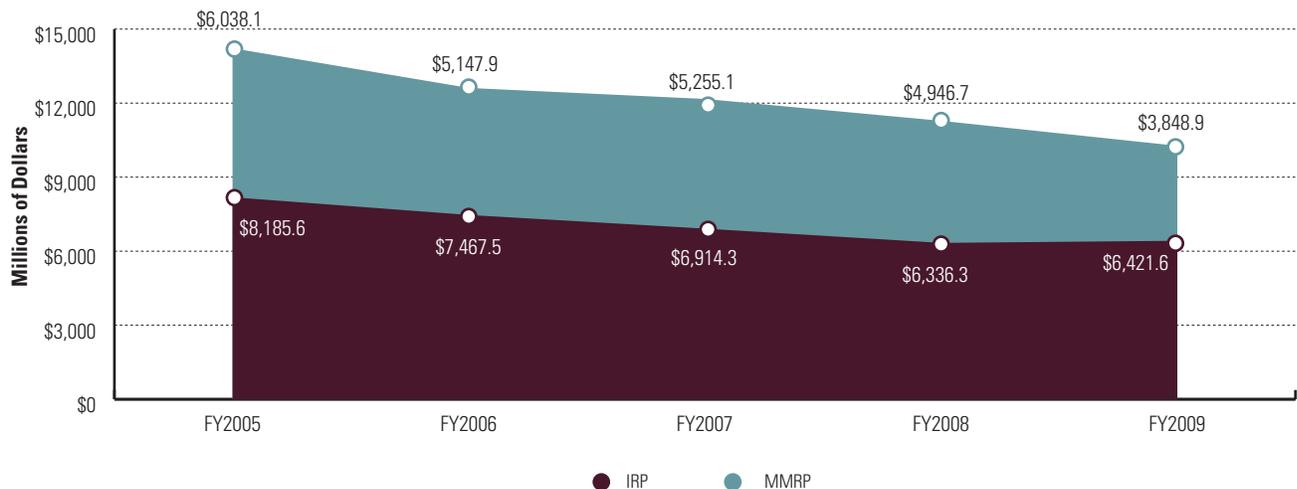
Cost-to-Complete

In FY2009, DoD estimated the CTC to be \$6.4 billion for IRP cleanup, and \$3.8 billion for MMRP cleanup (Figure 8-9). DoD has decreased CTC estimates for IRP cleanup by 22 percent since FY2005. Similarly, DoD has lowered CTC estimates for MMRP cleanup by 36 percent since FY2005.

The downward trend in both IRP and MMRP CTC estimates exhibits DoD's success in moving sites through the cleanup phases to achieve RC.

Appendix B, Section 8 contains Active Installations performance data by DoD Component.

Figure 8-9 DoD IRP and MMRP CTC Estimates at Active Installations



* Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.

Base Realignment and Closure Installations

In FY2009, DoD demonstrated the following performance:

- Transferred **3,988 acres** through Early Transfer Authority (ETA)
- Increased BRAC 2005 IRP sites achieving RIP/RC from **47 to 54 percent**
- Decreased CTC estimates for MMRP cleanup by **21 percent** since FY2005

Overview

BRAC installations are properties that have been identified for realignment or closure under one of the five Congressionally-approved BRAC rounds. Through BRAC, DoD reorganizes installations to more effectively support its forces, increase operational readiness, and innovate new ways of doing business.

DoD funds cleanup at closing installations through two BRAC accounts: one for Legacy BRAC, and one for BRAC 2005. DoD Components fund cleanup at realigning installations through their ER accounts.

DoD measures progress toward specific goals for IRP sites and MRSs at BRAC installations (Figures 8-11 and 8-13). DoD Components use the goals to help guide investment decisions and set restoration targets for each fiscal year.

Property Transfer Under BRAC

The Department transfers property under BRAC to other parties using two main tools:

- **Public Benefit Conveyances (PBCs)** allow DoD to transfer property at a substantially discounted rate. PBCs primarily transfer property to local redevelopment authorities or to state and local governments for public service use, such as education and public health facilities, parks and recreation areas, non-federal correctional facilities, ports, and historic monuments.

- **Economic Development Conveyances (EDCs)** support the creation of jobs lost during base closure, and primarily transfer property to local redevelopment authorities.

ETA enables the EPA Administrator or state governors to approve the transfer of property before cleanup is complete. DoD complies with regulatory safeguards while acting under ETA to ensure that human health and the environment are not harmed.

DoD Components have several other options for transferring property. For example, DoD Components may transfer property to an entity that will take responsibility for all cleanup, or DoD Components may transfer property in exchange for military construction at that or another location.

Performance Summary

Through FY2009, DoD has identified 5,126 IRP sites and 344 MRSs on BRAC installations (Figures 8-12 and 8-14).

In FY2009, DoD transferred 3,988 acres through ETA (Figure 8-10).

Installation Restoration Program Performance

Between FY2005 and FY2009, DoD has consistently maintained between 86 and 88 percent of Legacy BRAC IRP sites at RIP/RC, with slight increases in the past two years (Figure 8-11).

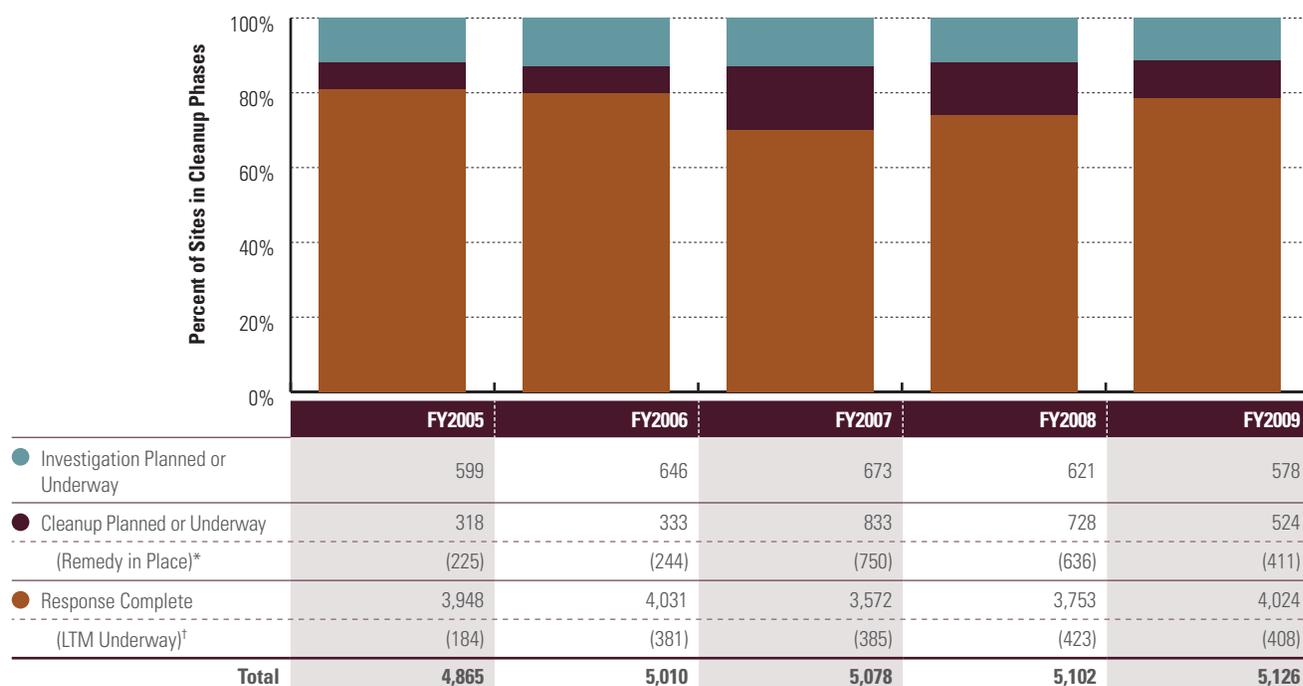
Through FY2009, DoD has achieved RIP/RC at 54 percent of all BRAC 2005 sites, down from 66 percent in FY2006 (Figure 8-11). The proportion of BRAC 2005 sites achieving RIP/RC has fallen as DoD has continued to realign or close sites on active installations and

Figure 8-11 DoD Progress Toward IRP Performance Goals at BRAC Installations

IRP Goal	FY05	FY06	FY07	FY08	FY09
Achieve RIP/RC at all Legacy BRAC IRP sites by the end of FY2015	86%	86%	86%	87%	88%
Achieve RIP/RC at all BRAC 2005 IRP sites by the end of FY2014	N/A	66%	62%	47%	54%

Figure 8-10 BRAC Early Transfer Authority Acreage in FY2009

DoD Component	Installation Name	Date Transferred	Conveyance	Number of Acres Transferred
Air Force	McClellan Air Force Base	October-08	PBC-Parks	314
Air Force	Plattsburg Air Force Base	July-09	EDC	337
Army	Fort Ord, CA	May-09	EDC	3,337
Total				3,988

Figure 8-12 DoD IRP Site Status at Legacy BRAC and BRAC 2005 Installations by Cleanup Phase

* Remedy in Place is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

transfer them to the BRAC 2005 inventory. In the last year, however, DoD has increased BRAC 2005 IRP sites achieving RIP/RC from 47 to 54 percent.

Since FY2007, when DoD added 500 sites to the cleanup phase, DoD has increased Legacy BRAC and BRAC 2005 IRP sites achieving RC from 70 to 79 percent (Figure 8-12). This corresponds to a decrease from 16 to 10 percent of sites in the previous phase, cleanup, over the same period.

Since FY2008, DoD has increased the number of sites achieving RC from 74 to 79 percent (Figure 8-12). DoD simultaneously decreased sites in the investigation phase from 12 to 11 percent, and decreased sites in the cleanup phase from 14 to 10 percent.

Military Munitions Response Program Performance

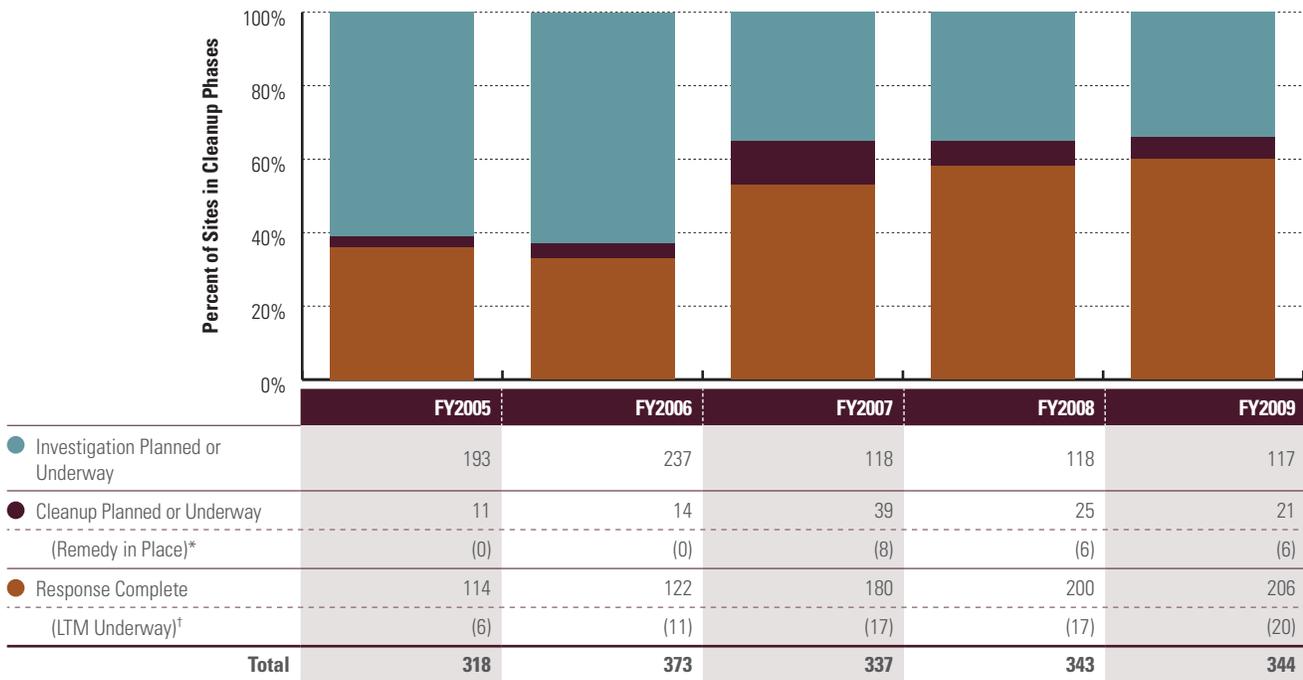
By FY2009, DoD had achieved RIP/RC at 68 percent of Legacy BRAC MRSs, up from 36 percent in FY2005 (Figure 8-13). While DoD did not achieve RIP/RC at all MRSs by the end of FY2009 as planned, it is working aggressively to reduce risk at the remaining sites. These sites generally pose significant challenges due to their complexity.

The Department has achieved RIP/RC at 33 percent of all BRAC 2005 MRSs, with 8 years until its target of 100 percent (Figure 8-13). Between FY2006 and FY2009, DoD increased the number of MRSs at RIP/RC from 0 to 33 percent.

Figure 8-13 DoD Progress Toward MMRP Performance Goals at BRAC Installations

MMRP Goal	FY05	FY06	FY07	FY08	FY09
Achieve RIP/RC at all Legacy BRAC MRSs by the end of FY2009	36%	38%	63%	67%	68%
Achieve RIP/RC at all BRAC 2005 MRSs by the end of FY2017	N/A	0%	20%	27%	33%

Figure 8-14 DoD MRS Status at Legacy BRAC and BRAC 2005 Installations by Cleanup Phase



* Remedy in Place is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

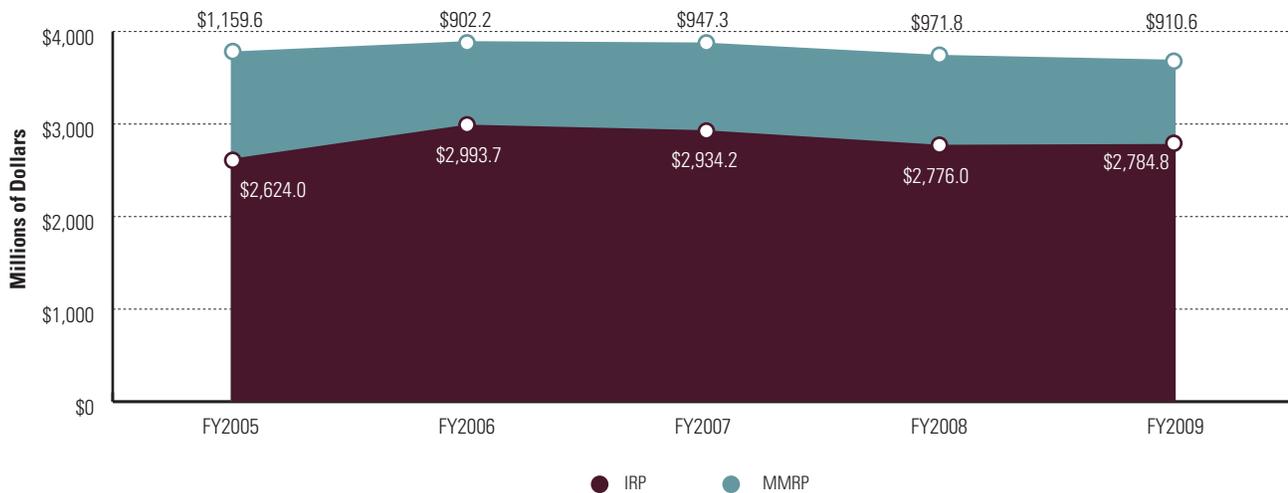
From FY2008 to FY2009, DoD maintained a consistent number of MRSs in the investigation and cleanup phases (Figure 8-14). DoD achieved RC at six MRSs in FY2009, increasing the percentage of MRSs achieving RIP/RC from 60 to 62 percent since FY2008.

Cost-to-Complete

In FY2009, DoD estimated the CTC to be \$2.8 billion for IRP cleanup and \$0.9 billion for MMRP cleanup (Figure 8-15). DoD has increased CTC estimates for IRP cleanup by six percent since FY2005. DoD has lowered CTC estimates for MMRP cleanup by 21 percent since FY2005.

Appendix B, Section 8 contains BRAC Installations performance data by DoD Component.

Figure 8-15 DoD IRP and MMRP CTC Estimates at Legacy BRAC and BRAC 2005 Installations



* Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.

Formerly Used Defense Sites

DoD demonstrated the following performance:

- Achieved RIP/RC at **71 percent** of IRP sites through FY2009
- Completed SIs at **67 percent** of all MRSs through FY2009
- Increased CTC estimates for IRP cleanup **7 percent** and decreased CTC estimates for MMRP cleanup **9 percent** since FY2008

Overview

FUDS properties are real properties that were under DoD's jurisdiction until they were transferred to private individuals, corporations, state and local governments, federal agencies, or tribal governments before SARA was signed on October 17, 1986. Properties transferred after SARA are subject to BRAC.

The Secretary of Defense has designated the Army as Executive Agent to manage environmental cleanup on FUDS properties. The U.S. Army Corps of Engineers (USACE) performs program management and execution. USACE Districts conduct cleanup in consultation with stakeholders, local communities, and regulators.

The FUDS cleanup process begins with historical background research. For properties where DoD held jurisdiction at the time of contamination, researchers determine the origins of existing environmental and health hazards. If another party is at least partially responsible for the contamination, USACE may negotiate a settlement for the other party to partially conduct or fund the cleanup.

FUDS cleanup is unique because DoD no longer manages the property and cannot control the actions of non-DoD landowners. USACE must instead coordinate and negotiate with current landowners to clean up contamination.

DoD measures progress toward specific goals for IRP sites and MRSs on FUDS properties (Figures 8-16 and 8-18). DoD Components use the goals to help guide investment decisions and set restoration targets for each fiscal year. In FY2009, DoD added 37 IRP sites and 68 MRSs to its FUDS inventory.

DoD has not yet established a RIP/RC goal for FUDS MRSs because USACE is still in the process of completing SIs. Once USACE better characterizes the sites, DoD will evaluate the data and establish a RIP/RC goal for FUDS.

Performance Summary

Through FY2009, DoD has identified 2,879 IRP sites and 1,612 MRSs on FUDS properties (Figures 8-17 and 8-19). DoD reports fewer MRSs on FUDS properties in FY2009 than in previous years. DoD identified some sites that they believed required cleanup, but later determined that these sites did not require any response actions. In FY2009, DoD stopped including data on these sites in this report.

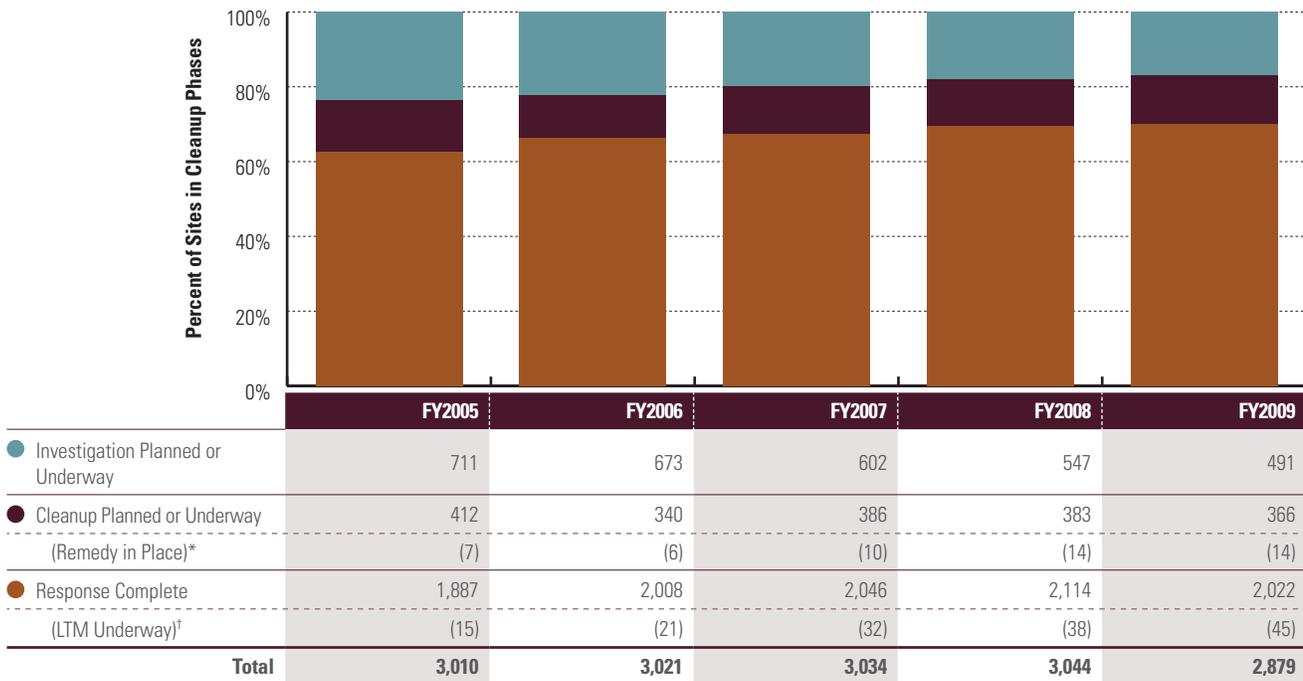
Installation Restoration Program Performance

By FY2009, DoD had achieved RIP/RC at 55 percent of high relative risk IRP sites (Figure 8-16). While DoD did not achieve RIP/RC at all high relative risk sites by FY2007 as planned, it is working aggressively to reduce risk at the remaining sites. These sites generally pose significant challenges due to their complexity.

Figure 8-16 DoD Progress Toward IRP Performance Goals at FUDS Properties

IRP Goal	FY05	FY06	FY07	FY08	FY09
Reduce risk or achieve RIP/RC at all high relative risk sites by the end of FY2007	46%	48%	50%	54%	55%
Reduce risk or achieve RIP/RC at all medium relative risk sites by the end of FY2011	39%	43%	46%	50%	52%
Reduce risk or achieve RIP/RC at all low relative risk sites by the end of FY2020	35%	44%	43%	52%	56%
Achieve RIP/RC at all sites by the end of FY2020	63%	67%	68%	70%	71%

Figure 8-17 DoD IRP Site Status at FUDS Properties by Cleanup Phase



* Remedy in Place is a subset of Cleanup Planned or Underway.
 † LTM is a subset of Response Complete.

Between FY2005 and FY2009, DoD has effectively moved IRP sites on FUDS properties through the investigation and cleanup phases to achieve RC (Figure 8-17). Between FY2005 and FY2009, DoD decreased sites in the investigation phase from 24 to 17 percent; maintained a steady proportion of sites in the cleanup phase; and increased sites achieving RC from 63 to 70 percent.

Since FY2008, DoD decreased sites in the investigation phase from 18 to 17 percent, with a corresponding increase of sites achieving RC, from 69 to 70 percent (Figure 8-17).

Military Munitions Response Program Performance

Through FY2009, DoD has completed PAs at 96 percent of all MRSs on FUDS properties (Figure 8-18). While the Department did report 99 percent completion in FY2006, since then DoD has continued to add new sites to the FUDS inventory. The 68 new MRSs added in FY2009 account for the drop from 99 percent of PAs complete in FY2008.

DoD has completed SIs at 67 percent of MRSs, with 1 year until its target for 100 percent completion (Figure 8-18). This represents a significant increase, up from 33 percent in FY2006 and 58 percent in FY2008.

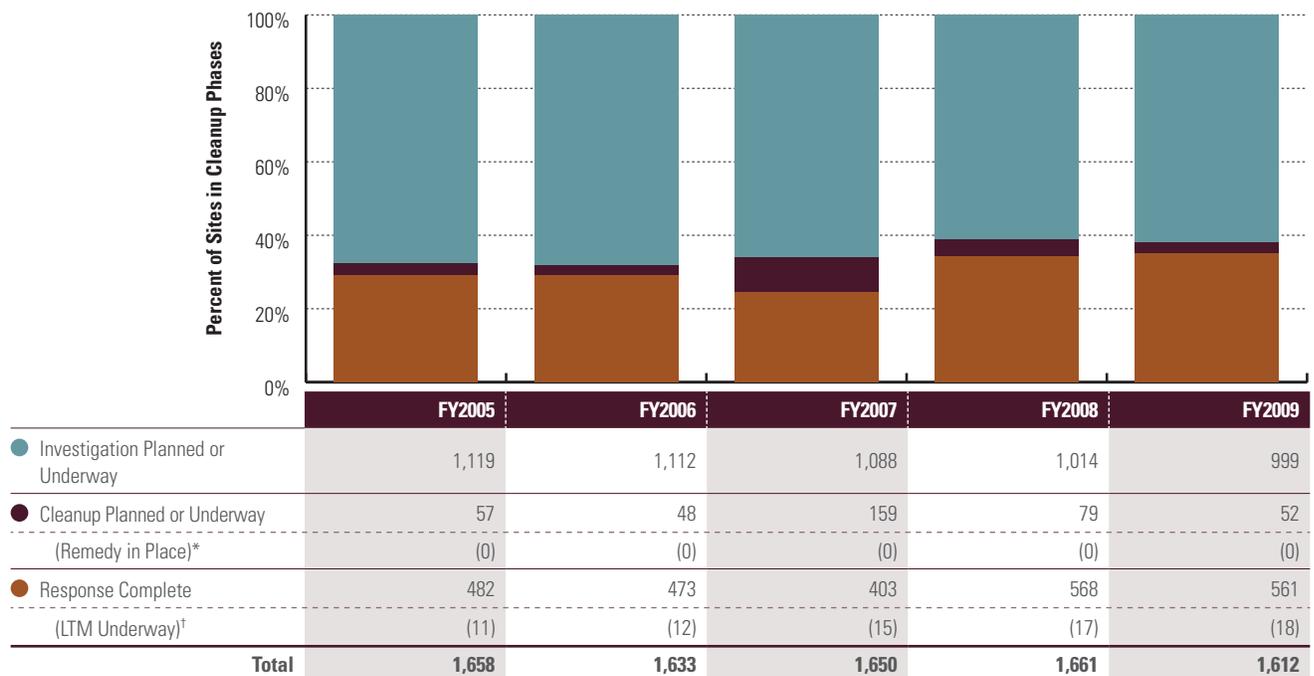
Between FY2005 and FY2009, DoD decreased sites in investigation from 67 to 62 percent (Figure 8-19). As expected, the Department also increased sites at RC from 29 to 35 percent over the same time period.

Since FY2008, DoD has increased sites at RC from 34 to 35 percent (Figure 8-19).

Figure 8-18 DoD Progress Toward MMRP Performance Goals at FUDS Properties

MMRP Goal	FY05	FY06	FY07	FY08	FY09
Complete PAs at all MRSs by the end of FY2007	98%	99%	99%	99%	96%
Complete SIs at all MRSs by the end of FY2010	34%	34%	45%	58%	67%

Figure 8-19 DoD MRS Status at FUDS Properties by Cleanup Phase



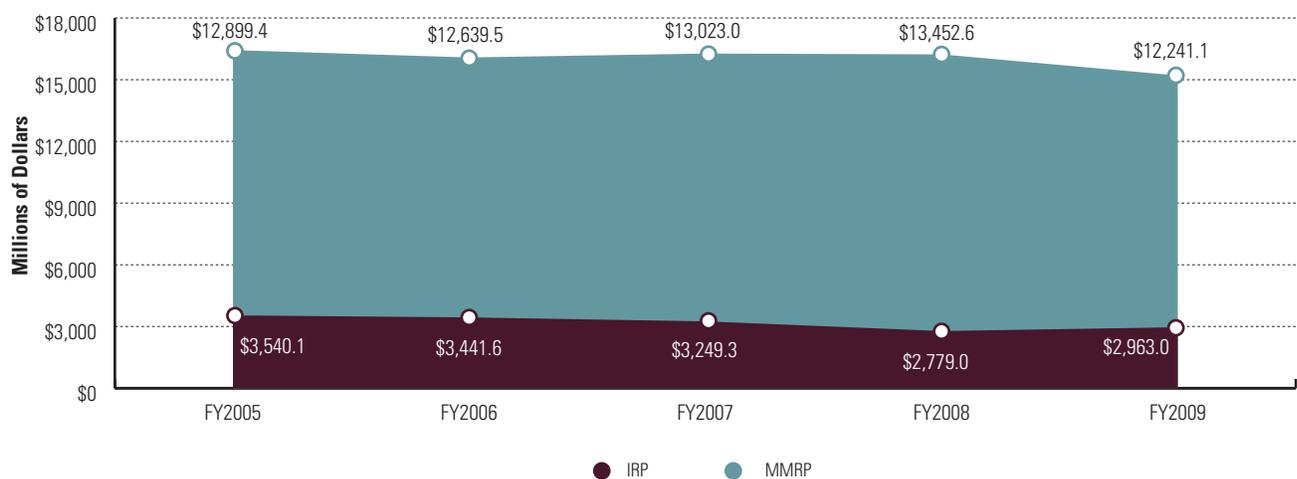
* Remedy in Place is a subset of Cleanup Planned or Underway.
 † LTM is a subset of Response Complete.

Cost-to-Complete

In FY2009, DoD estimated the CTC for IRP cleanup to be \$3.0 billion (Figure 8-20). DoD has decreased CTC estimates for FUDS IRP sites by 16 percent since FY2005.

DoD estimated the CTC for MMRP cleanup to be \$12.2 billion (Figure 8-20). DoD has lowered CTC estimates for MMRP cleanup five percent since FY2005. Fluxuations in CTC over the past five years are the result of better characterization during the investigation phase.

Figure 8-20 DoD IRP and MMRP CTC Estimates at FUDS Properties*



* Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.

Cost Recovery

In FY2009, DoD demonstrated the following performance:

- Recovered cleanup costs for 13 installations, totaling **\$27.8 million**

Overview

DoD uses cost recovery to recover or share cleanup costs when contamination at an installation has resulted, either partially or wholly, from the past activities of another party.

Cost recovery contributes to the economic efficiency of the restoration process by allowing DoD Components to expand funding and resources available for cleanup.

DoD Components are required to:

- Establish policies to identify other parties potentially responsible for contamination, both public and private
- When cost-effective, pursue the other potentially responsible party to either take responsibility for environmental restoration, or to contribute to the cost of response actions
- Pursue recovery of costs of \$50,000 or more whenever a response action on DoD property is required and cooperation could not be negotiated in advance

While DoD pursues cost recovery from liable parties, environmental restoration continues to be a top priority. The Department addresses contamination, regardless of its ability to recover costs.

Program Status

When available, installations report the amount recovered in the reporting year and the amount recovered cumulatively through FY2009, as compared to the actual cleanup costs. DoD recovered \$27.8 million in FY2009 (Figure 8-21).

Appendix B, Section 8 contains Cost Recovery data by installation.

Figure 8-21 Cost Recovery Efforts by DoD Component

DoD Component	Amount Recovered/ Shared in FY2009	Cumulative Amount Recovered/ Shared through FY2009	Cost to Pursue Action in FY2009	Cost to Pursue Action through FY2009
Army	\$19,283,454	\$537,622,630	N/A	N/A
Navy and Marine Corps	\$6,064,027	\$11,419,350	\$188,473	\$1,756,149
Air Force	\$2,450,000	\$5,250,000	N/A	N/A
DLA	--	--	\$2,264,117	\$8,768,716
DoD Total	\$27,797,481	\$554,291,980	\$2,452,590	\$10,524,865

Restoration Partnerships

Overview

DoD participates in various partnerships and agreements to further DERP goals and ensure cleanup proceeds as efficiently as possible.

This section presents two partnerships that are especially high-profile and represent considerable investment by the Department: Restoration Advisory Boards (RABs) and the Defense/State Memorandum of Agreement (DSMOA) Program.

Applicable Requirements

DoD's participation in RABs and DSMOA at active and BRAC installations, and FUDS properties, is subject to the requirements that govern the DERP, as well as the following requirements:

- 10 U.S.C. §2705
- The RAB Rule
- 32 Code of Federal Regulations Part 33
- DoD Grant and Agreement Regulation 3210.6-R
- Office of Management and Budget Circulars A-87, A-102, and A-133

In addition, DoD developed policies and guidance to meet the above requirements, including:

- The RAB Rule Handbook
- DSMOA/Cooperative Agreements (CA) Program Guide
- DoD Memorandum, "Clarification of Eligibility for Reimbursement of State Activities for the Department of Defense and State Memorandum of Agreement (DSMOA) Program"

Restoration Advisory Boards

In FY2009, DoD demonstrated the following performance:

- Supported **191 RABs** on 218 installations
- Expended **\$2.95 million** to support RABs

Overview

RABs are community-oriented forums that encourage and facilitate communication between citizens and installation decision-makers regarding cleanup at active and BRAC installations, and FUDS properties. Participants may include representatives from the community, installation, or state; local or tribal governments; local activist organizations; and federal, state, or local regulatory agencies.

RAB procedures require installation commanders to evaluate whether to establish a RAB every two years. Commanders assess community interest and determine whether support will be continuous. The installation may also evaluate community interest at any time if:

- Requested by a regulatory agency or government body
- An event occurs that may increase community interest
- An installation closes or transfers property to the community
- Citizens petition for a RAB

Once an installation decides to establish a RAB, it reaches out to the community for participation and membership. It involves citizens in creating a community involvement program and outlining the RAB's operating procedures.

RABs have three funding options:

- **Administrative support**—DoD provides resources to RABs for meeting logistics, training, facilitators, translators, and other similar needs.
- **Technical Assistance for Public Participation (TAPP)**—DoD may provide TAPP grants for technology assessments, relative risk site evaluations, health risk evaluations, and technical training and other technical support. TAPP grants provide up to \$100,000 of total cleanup costs. TAPP grants are limited to \$25,000 per year or 1 percent of CTC cleanup, whichever is the lesser value.
- **Technical Assistance Grants (TAGs)**—EPA provides TAGs to RABs addressing National Priorities List (NPL) installations, or whose communities are threatened by the release of contaminants.

Evaluation Criteria

One way in which DoD assesses RAB performance is by counting the number of RABs dissolved or adjourned.

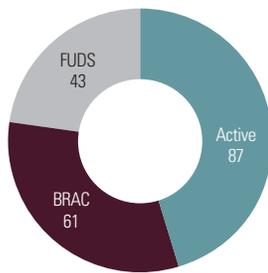
A second way in which DoD evaluates RAB performance is by tracking RAB activities to determine if RABs are using their time and resources efficiently. RABs record their activities in two different locations: the administrative record, which is the official record for cleanup activities and contains documents used to select cleanup actions; and the information repository, which is a public record where members can add comments, newspaper articles, or any other items pertinent to restoration activities.

Performance Summary

DoD has supported a consistent number of RABs since it established the program in FY1994. DoD currently maintains 191 RABs on 218 installations and FUDS properties (Figure 8-22), including 29 Joint RABs (Figure 8-25). In FY2009, DoD established two RABs and did not adjourn or dissolve any RABs (Figure 8-24).

In FY2009, DoD Components expended \$2.95 million to support RABs; DoD has increased expenditures 1 percent since FY2005, but decreased expenditures 14 percent since FY2008 (Figure 8-23). Expenditures vary from year to year, based on community interest and participation.

Figure 8-22 Total Number of RABs



Total RABs: 191

Figure 8-23 RAB Expenditures by DoD Component

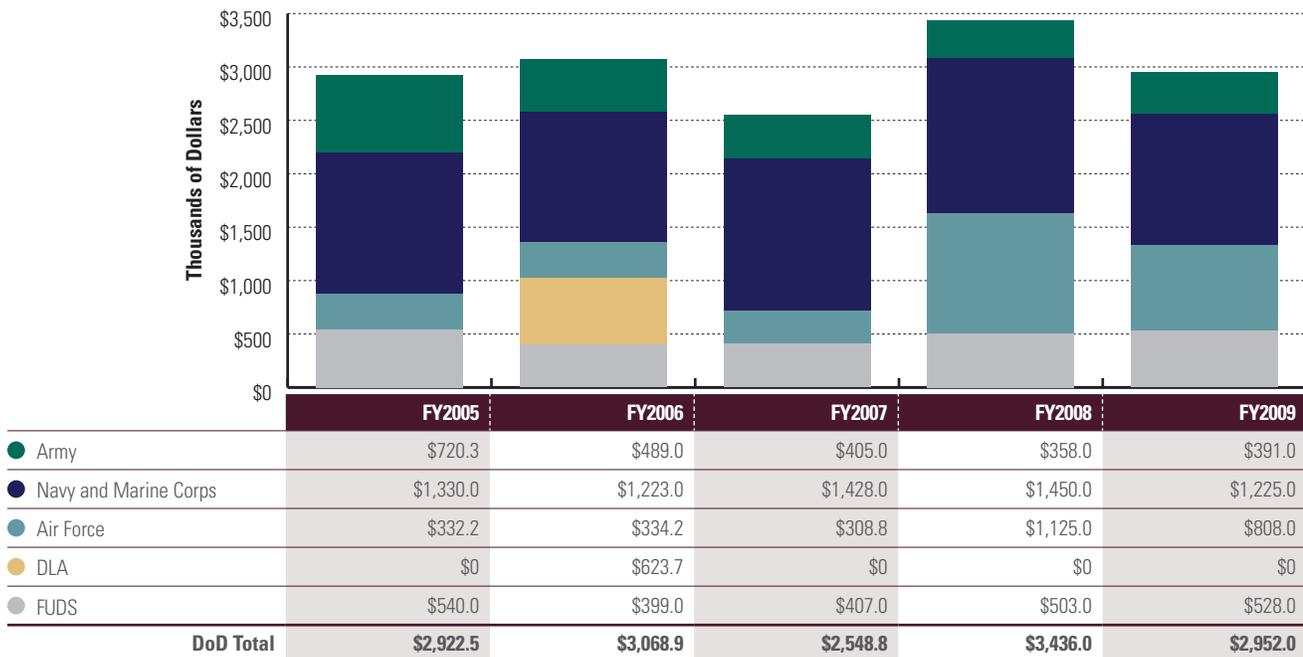


Figure 8-24 RABs Established in FY2009

Established		
Installation Name	FFID	DoD Component
Military Ocean Terminal Concord	CA921350696A00	Army
Kirtland AFB PBR N1 N3	NM69799624100	FUDS

In FY2009, two DoD installations and three FUDS properties received TAPP grants for their respective RABs, totaling \$93,974 (Figure 8-26).

Appendix B, Section 8 contains data on the number of RABs by DoD Component.

Local residents and local government officials represent most RAB participants (Figure 8-27).

Figure 8-25 Joint RABs by DoD Component

Installation Name	Joint Installation DoD Component	Active and/or BRAC
Army		
MAARNG (Camp Edwards)	Air Force	Active
Navy		
Concord NWS	Army	Active and BRAC
Guam NAS AGANA		Active and BRAC
Key West NAS		Active and BRAC
Long Beach NS San Pedro		Active and BRAC
NASJRB Willow Grove	Air Force	Active and BRAC
PWC San Francisco California		BRAC
Air Force		
Air Force Plant 4, Carswell AFB (NAS Fort Worth JRB), and Former Carswell AFB (BRAC)	Navy	Active and BRAC
Air Force Plant 44, Tucson International Airport		Active
Barter Island LRRS, Bullen Point SRRS		Active
Bellows Air Force Station, Marine Corps Base Hawaii—Kaneohe Bay	Marine Corps	Active
Eglin AFB, Hurlburt AFB		Active
Eielson AFB, Chena River	FUDS	Active
Fairchild AFB, Spokane International Airport, Four Lakes Communications Air Guard Station		Active
Hickam POL, Wake Island		Active
Homestead AFB (Homestead ARB and Former Homestead AFB (BRAC))		Active and BRAC
King Salmon Airport, Naknek Recreation Camp I, and Naknek Recreation Camp II		Active
March AFB (March ARB and Former March AFB (BRAC))		Active and BRAC
Massachusetts Military Reservation (Otis ANGB and Camp Edwards)	Army	Active
Maxwell AFB, Gunter AFB		Active
McGuire AFB, NAES Lakehurst	Navy	Active
North River Radio Relay Station	Navy	Active
Patrick AFB, Cape Canaveral AFS		Active
Point Barrow NARL, Point Lonely	Navy, FUDS	Active
Westover ARB		Active
Willow Grove ARS, NAS Willow Grove JRB	Navy	Active and BRAC
FUDS		
Eielson Farm Road AAA Site	Air Force	Active
Kogru DEW (POW B)	Navy, Air Force	Active
Unalakleet AFSTA	Air Force	Active

Figure 8-26 RABs Awarded TAPP Funding in FY2009

Army		
Installation Name	FFID	TAPP Amount
Badger Army Ammunition Plant	WI521382005600	\$12,000
Navy		
Installation Name	FFID	TAPP Amount
Calverton NWIRP	NY217002379400	\$24,974
Formerly Used Defense Sites		
Installation Name	FFID	TAPP Amount
Kinchloe Air Force Base	MI59799F226000	\$23,000
Marion Engineer Depot	OH59799F367500	\$9,900
Plum Brook ORD Works	OH59799F364100	\$24,100
Total		\$93,974

Figure 8-27 RAB Community Membership (Participation by Category)

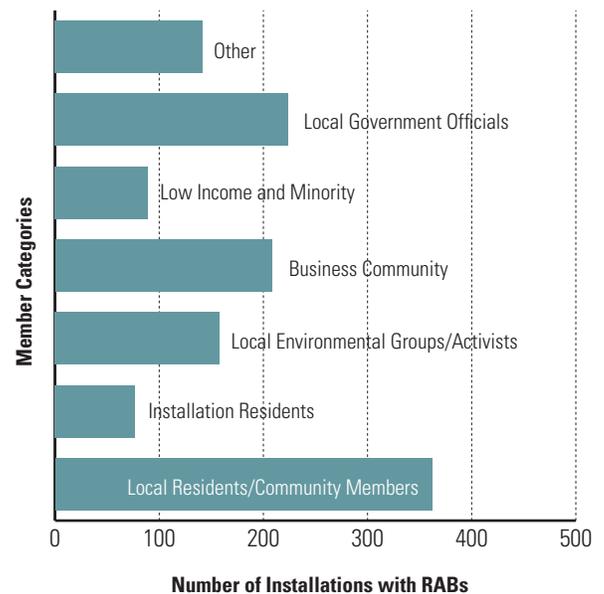


Figure 8-28 Primary RAB Activities (Participation by Category)

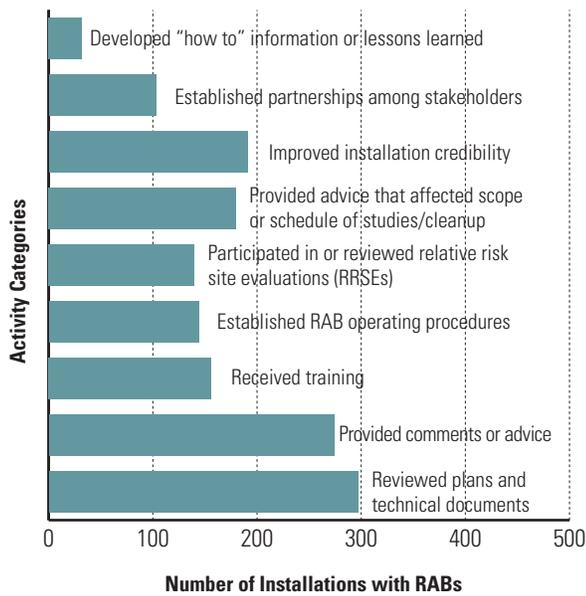
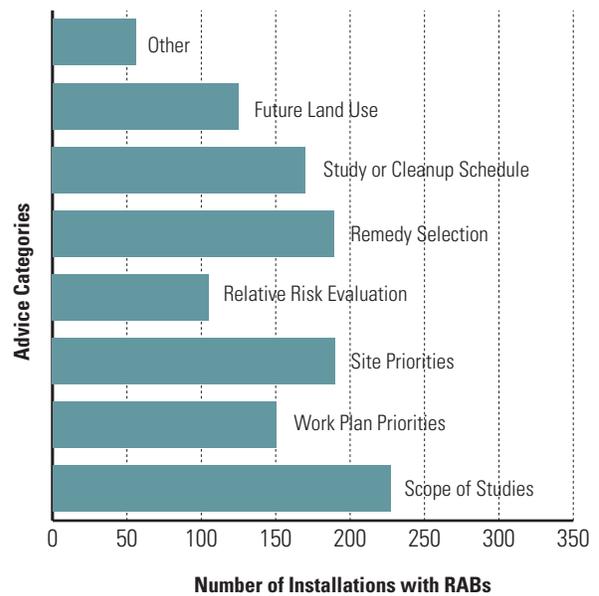


Figure 8-29 Advice provided by RABs (Participation by Category)



RABs report reviewing plans and technical documents more than any other activity, a trend similar to FY2008 (Figure 8-28).

Most RABs report that they advised DoD on the scope of environmental or public health studies (Figure 8-29). RABs also commonly contributed input to prioritizing sites and selecting cleanup activities.

Defense/State Memorandum of Agreement Program

In FY2009, DoD demonstrated the following performance:

- Upheld cooperative agreements (CAs) for the FY2008-FY2010 funding period with **52 partners**
- Developed and ratified a **new charter** for the DSMOA Steering Committee

Overview

A DSMOA is a partnership between the Office of the Secretary of Defense (OSD) and states (or territories), designed to expedite environmental cleanup. DSMOAs provide a framework for the Department to openly coordinate with state regulators to achieve cleanup goals. Under the DSMOA Program, states may apply for funding from DoD (or other sources) for any eligible restoration services they perform.

OSD is responsible for signing DSMOAs and has designated:

- The Army as lead agent for performing DSMOA administrative actions
- USACE to provide logistical support and training
- The DSMOA Steering Committee—which is chaired by Army and has representatives from OSD, DoD Components, and states—to be a forum for communicating concerns, addressing issues, and providing policy recommendations

DoD may reimburse states under DSMOA when states demonstrate that the proposed cleanup is:

- DoD's responsibility under DERP
- Sought by DoD, not an action imposed by the state
- Associated with a specified installation
- On the Joint Execution Plan, which is a planning document for the coordination of resources

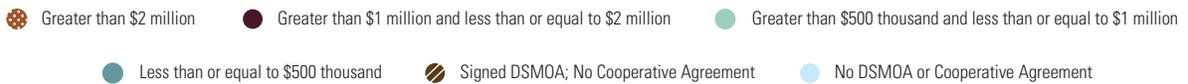
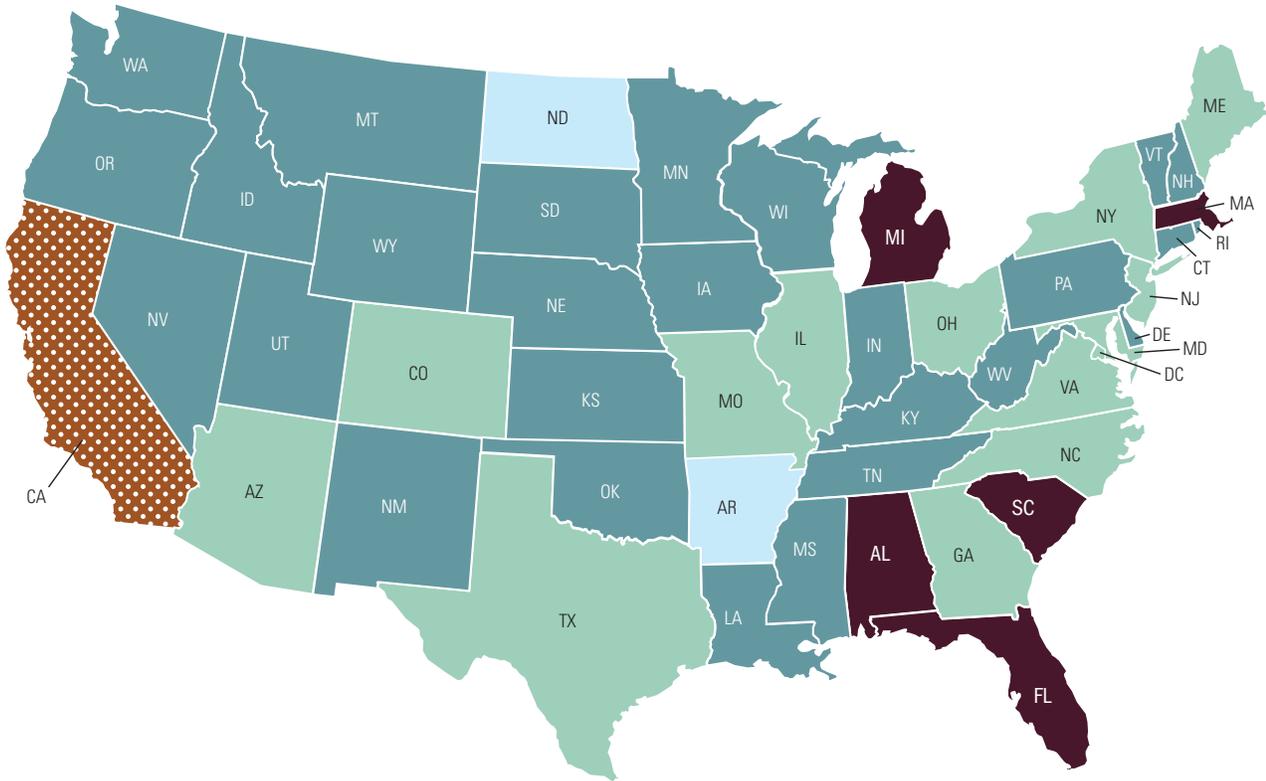
After signing a DSMOA with DoD, the state must apply for a CA to receive financial assistance for cleanup activities at DoD facilities. The CA outlines the planning and funding structure for a two year period; the current funding period is FY2008 through FY2010. States must follow a "six-step" process to produce and validate a CA:

1. Initiate the CA Process
2. Prepare a Joint Execution Plan
3. Develop the CA Budget
4. Obtain concurrence from DoD on the CA Budget
5. Prepare and submit the CA application package to DoD
6. Obtain CA approval and funding

The six-step process accomplishes three things: it accurately projects program funding requirements; it provides support documentation necessary for planning, programming, and budgeting; and, through the Joint Execution Plan, it defines cleanup milestones and performance standards. DoD recently automated the six-step process through the DSMOA Web site.

The DSMOA Web site (<https://dsmoa.usace.army.mil>) is an information and services portal. DSMOA members can view existing DSMOAs and CAs. States can use the site to develop Joint Execution Plans, prepare budget estimates, and obtain DoD Component approval of proposed costs. USACE has provided web seminar recordings and online tutorials through the portal.

Figure 8-30 DSMOA Reimbursements by State or Territory



Performance Summary

Since 1986, DoD has signed 53 DSMOAs with 48 states, 4 territories, and the District of Columbia (Figure 8-31). Only Arkansas, North Dakota, and the Virgin Islands have not signed DSMOAs. Iowa, which signed a DSMOA in FY2008, is the most recent state to join the program.

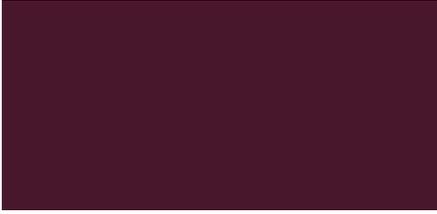
Of the 53 eligible partners, 52 have signed CAs for the FY2008-2010 funding period (Figure 8-30). California has received the most reimbursements through DSMOA, over \$8 million since it signed a DSMOA with DoD in FY1990 (Figure 8-31). American Samoa has signed a DSMOA, but did not complete a CA for the current funding period.

In FY2009, the Steering Committee proposed a new standard format for Joint Execution Plans. In June 2009, the Steering Committee developed and ratified its new charter. Additionally, OSD published a memorandum on December 18, 2008, clarifying eligibility requirements for state reimbursement through DSMOA.

The Navy signed two CAs outside the DSMOA program for the FY2008-2010 period. Those CAs are with California and West Virginia.

Figure 8-31 DSMOA and CA Status

State/ Territory	DSMOA Signed (mm/dd/yy)	CA Application Signed (mm/dd/yy)	Cumulative Reimbursement Since DSMOA Signed
Alabama	5/29/90	6/26/08	\$1,837,503
Alaska	6/4/90	6/25/08	\$1,571,712
American Samoa	7/10/91	N/A	N/A
Arizona	3/13/91	6/9/08	\$814,021
Arkansas	N/A	N/A	N/A
California	5/31/90	6/4/08	\$8,690,766
Colorado	10/18/93	6/17/08	\$540,527
Connecticut	4/23/98	6/24/08	\$83,741
Delaware	2/26/90	7/23/08	\$79,237
District of Columbia	5/9/94	6/17/08	\$678,359
Florida	6/14/90	6/6/08	\$1,141,117
Georgia	5/8/90	6/9/08	\$598,563
Guam	11/27/91	6/9/08	\$239,442
Hawaii	9/10/91	6/9/08	\$523,563
Idaho	2/6/91	5/30/08	\$114,881
Illinois	12/17/92	5/25/08	\$784,672
Indiana	4/17/91	5/29/08	\$193,358
Iowa	2/1/08	5/30/08	\$29,469
Kansas	8/6/92	6/12/08	\$175,920
Kentucky	6/6/91	6/24/08	\$167,502
Louisiana	11/13/91	6/11/08	\$46,417
Maine	6/24/91	6/4/08	\$529,853
Maryland	11/26/90	6/11/08	\$688,964
Massachusetts	10/18/91	6/9/08	\$1,698,393
Michigan	8/27/92	6/6/08	\$1,074,444
Minnesota	6/28/91	5/28/08	\$220,680
Mississippi	10/13/89	6/20/08	\$149,133
Missouri	5/22/91	5/20/06	\$666,222
Montana	4/17/98	5/22/08	\$71,209
Nebraska	9/29/92	6/6/08	\$120,623
Nevada	9/12/90	6/2/08	\$319,266
New Hampshire	1/22/93	6/2/08	\$173,538
New Jersey	4/3/92	5/21/08	\$671,055
New Mexico	6/12/90	6/3/08	\$221,865
New York	6/6/91	6/18/08	\$902,291
North Carolina	6/6/91	6/8/08	\$566,537
North Dakota	N/A	N/A	N/A
Northern Mariana Islands	10/18/91	7/1/06	\$8,559
Ohio	10/6/92	6/18/08	\$805,794
Oklahoma	12/28/92	5/22/08	\$116,847
Oregon	6/30/04	6/10/08	\$77,737
Pennsylvania	4/14/94	6/13/08	\$367,596
Puerto Rico	2/4/91	6/2/08	\$284,900
Rhode Island	9/26/91	5/21/08	\$376,666
South Carolina	5/8/91	6/17/08	\$1,382,034
South Dakota	10/25/91	5/31/08	\$78,080
Tennessee	6/2/92	6/18/08	\$151,171
Texas	4/8/91	6/13/08	\$960,132
Utah	11/11/98	6/3/08	\$222,357
Vermont	6/22/90	7/3/08	\$17,295
Virgin Islands	N/A	N/A	N/A
Virginia	8/31/90	6/12/08	\$927,428
Washington	2/3/94	6/17/08	\$243,171
West Virginia	5/24/90	6/12/08	\$33,974
Wisconsin	7/22/92	5/30/08	\$151,907
Wyoming	6/27/90	6/18/08	\$59,211



9

Military Munitions Response Program Comprehensive Plan Update

The Fiscal Year (FY) 2007 National Defense Authorization Act (NDAA) §313 outlines the Department of Defense's (DoD's) basic requirements to clean up munitions-contaminated sites. Additionally, the NDAA sets performance goals for cleanup under the Military Munitions Response Program (MMRP) and directs DoD to submit an annual MMRP Comprehensive Plan.

MMRP Comprehensive Plan Update at a Glance

Fiscal Year 2009 Funding: **\$420.4 million**

Program Accomplishments:

- Increased the number of munitions response sites (MRSs) achieving response complete (RC) at active installations by **29 percent** from FY2008
- Decreased Cost-to-Complete (CTC) estimates at active installations and Formerly Used Defense Sites (FUDS) properties by **13 percent** from FY2008
- Released Munitions Response Site Prioritization Protocol (MRSPP) **online training** program in FY2009
- Released Munitions and Explosives of Concern-Hazard Assessment for **two year trial**

Overview

The Secretary of Defense must submit an annual update of DoD's plan for addressing cleanup of unexploded ordnance (UXO), discarded military munitions (DMM), and munitions constituents (MC) at defense sites (other than operational ranges). The MMRP Comprehensive Plan was submitted to Congressional Defense Committees in March 2007. The FY2007 NDAA §313 requires annual updates to the plan—including cleanup progress updates and adjustments to the program's goals, response plans, and funding estimates—through FY2010. This chapter satisfies the §313 requirement.

The MMRP directs environmental cleanup at locations where UXO, DMM, and MC are known or suspected to be present. These locations, other than operational ranges, are known as Munition Response Sites (MRSs). Through the MMRP, DoD has developed a better understanding of the unique explosive hazards posed by munitions. Since the MMRP's inception in 2001, DoD has developed an inventory of MRSs and uses a standard protocol to prioritize site cleanup. DoD executes the program through annual funding and, in FY2009, obligated \$420.4 million to clean up MRSs.

Applicable Requirements

Cleanup of MRSs is governed by the following Federal legislation:

- **42 United States Code (U.S.C) §§ 9601–9675, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)** establishes a framework for the identification, investigation, and cleanup of contamination caused by past activities.
- **The Superfund Amendments and Reauthorization Act (SARA) §211** created the Defense Environmental Restoration Program (DERP), codifies DoD's environmental responsibilities, and establishes cleanup standards. It also authorizes the federal government to get help from state and local governments for cleanup.
- **10 U.S.C. §2710** requires DoD to develop an inventory of MRSs to establish a prioritization methodology for response action. The Department updates and releases the inventory as part of the Defense Environmental Programs Annual Report to Congress. It is publicly available at <http://deparc.xservices.com/do/mmrp>.
- **Code of Federal Regulations, Title 32, Part 179, Munitions Response Site Prioritization Protocol (MRSPP)** requires DoD to assign a priority or alternative rating to all MRSs.

In addition, DoD developed policies and guidance to meet the above requirements, including:

- **DoD Instruction 4715.7, "Environmental Restoration Program,"** assigns responsibilities for planning, programming, budgeting, executing, and reporting for the DERP. It also established a process to evaluate risk from contamination.
- **The 2001 Management Guidance for the Defense Environmental Restoration Program (DERP)** details guidance on overall execution of the Installation Restoration Program (IRP) and MMRP.
- **DoD Memorandum, "Interim Policy for Defense Environmental Restoration Program (DERP) Eligibility"** updated and expanded DERP eligibility criteria. As a result, new sites became eligible under the DERP in FY2009. DoD Components will plan, program, and budget for the new sites during the next budget submission cycle.

Throughout FY2009, DoD continued updating the DERP Manual, which will supersede the 2001 Management Guidance for the DERP.

Management Practices

DoD applies the environmental restoration process set forth by CERCLA and its implementing legislation, the National Oil and Hazardous Substance Pollution Contingency Plan, to address cleanup at MRSs. With over 3,700 MRSs in its inventory, DoD does not have the resources to address all contamination at once. Therefore, DoD developed the MRSPP to prioritize sites for cleanup.

The MRSPP consists of three separate modules to evaluate hazards associated with:

1. Explosives
2. Chemical warfare materiel
3. MC and incidental environmental contaminants

Based on relative risk in these hazard areas, DoD gives each MRS a numeric score or an alternative rating. This information affects how DoD sequences MRSs for cleanup. Factors such as economic, programmatic, and stakeholder concerns may also affect cleanup sequencing.

DoD Components were required to report MRSPP scores beginning in FY2008. Through FY2009, DoD assigned numeric score to 706 MRSs and alternative ratings to 3,077 MRSs. Of those, one is sequenced for cleanup ahead of higher priority MRSs. DoD investigated this site under the IRP, and began cleanup under the IRP. As DoD identified additional munitions contamination, the site moved to the MMRP. It is sequenced for cleanup ahead of higher priority MRSs to continue the cleanup started under the IRP.

DoD funds the cleanup of MRSs at active installations and FUDS properties through five ER accounts: Army, Navy, Air Force, FUDS, and Defense-wide. DoD funds MMRP activities at BRAC installations through two BRAC accounts: one for the first four rounds of BRAC in 1988, 1991, 1993, and 1995—called Legacy BRAC—and one for the fifth round of BRAC in 2005, called BRAC 2005.

DoD has more than doubled the MMRP funding obligated at all installations in the past four years, enabling more MRSs to efficiently move through the cleanup phases (Figure 9-1). Funding amounts for FY2009 include program management costs. These totals also reflect the transfer of funds from the ER accounts to provide funding for MRSs at installations closed in BRAC 2005.

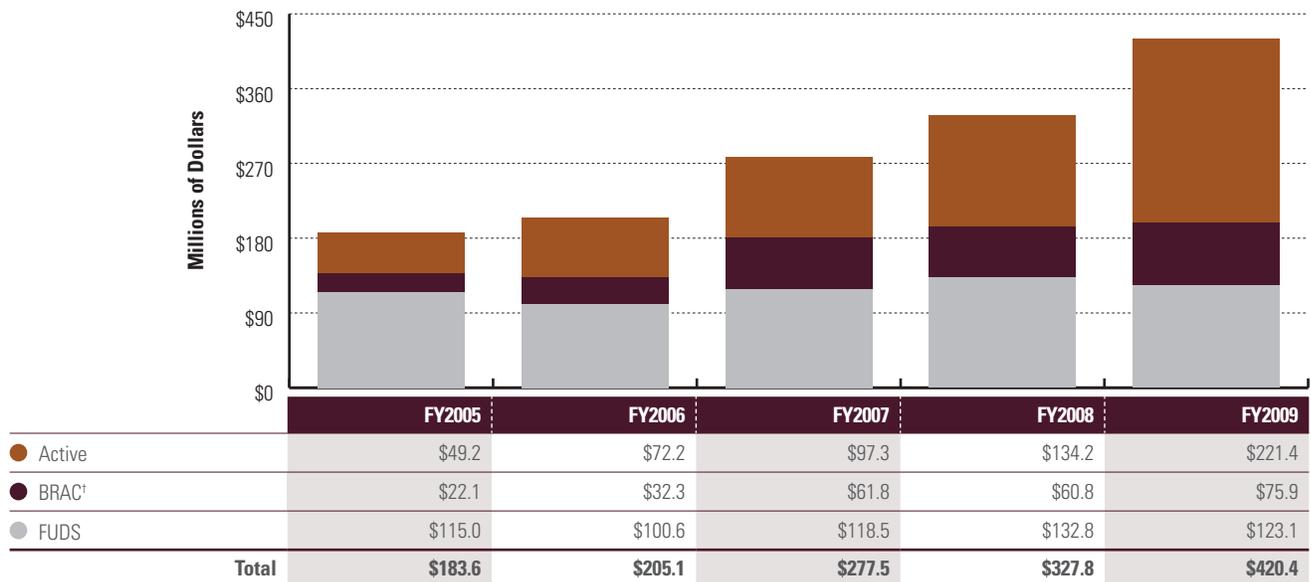
Appendix B, Section 1 contains MMRP funding data by DoD Component.

Technology

Technology is an important part of the MMRP. The application of innovative, effective environmental technologies can improve cleanup efficiency, resulting in reduced risk and faster completion of the program. DoD supports research and development programs focusing on technologies to improve the safety, efficiency, and cost-effectiveness of munitions cleanup.

The primary challenge on land sites is distinguishing between hazardous items (e.g., UXO, DMM) and the overwhelming number of inert fragments and clutter

Figure 9-1 DoD MMRP Funding Obligations*



* Subtotals may not equal fiscal year totals due to rounding.

† Does not include funding for planning and compliance activities, revenue gained from land sales, or execution of prior year funding.

items. By some estimates, up to 70 percent of the budget for a typical cleanup goes to removing non-hazardous items from the site. The Strategic Environmental Research and Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP) support the development of UXO-specific geophysical detection systems and associated signal processing routines to address this challenge. DoD is testing these systems at a series of live test sites, including the recently completed demonstration at former Camp San Luis Obispo, California. Research shows that the next generation sensors have achieved excellent success in these demonstrations.

At sites covered by water, detection of UXO remains a challenge, especially for those sites with munitions buried beneath the water body's floor. DoD supports development and testing of acoustic (sonar), geophysical, and optical sensors to locate contaminants. It is unlikely that any single sensor system will apply to all underwater areas; a suite of sensors will be required. Recent research shows success with magnetometer arrays; DoD has scheduled full scale demonstrations of sonar and optical systems for 2010.

Evaluation Criteria

The FY2007 NDAA §313 established the following goals for DoD to clean up MRSs:

- Complete preliminary assessments (PAs) at all active installations and FUDS properties by the end of FY2007
- Achieve remedy in place (RIP) or response complete (RC) at all Legacy BRAC MRSs by the end of FY2009
- Complete site inspections (SIs) at all active installations and FUDS properties by the end of FY2010
- Establish a RIP or RC goal at active and BRAC 2005 installations, and FUDS properties.

DoD establishes challenging performance metrics, as well as short- and long-term MMRP goals to measure progress. These goals align with CERCLA phases and milestones, and show program progress as sites move through the CERCLA phases from investigation to long-term management. Chapter 8, Restoration contains more information on restoration milestones.

DoD also measures MMRP progress by developing Cost-to-Complete (CTC) estimates, which are the anticipated funds necessary to complete all cleanup requirements. The CTC estimates are derived from site-level funding information prepared during the budgeting process. The estimates provide a picture of anticipated cost trends. Cost trends are also impacted by prioritization, input from regulators and other stakeholders, and the complexity of the cleanup. The length of time required for cleanup is

dependent on all of these factors. DoD anticipates that as installations complete responses at IRP sites, more funding will shift toward completing cleanup at MRSs.

In FY2009, DoD added 157 MRSs on active installations to its inventory, primarily due to expanded DERP eligibility. These sites are not subject to the PA or SI goals. DoD also added 68 MRSs to its FUDS inventory. DoD has not yet established a RIP/RC goal for FUDS MRSs because the U.S. Army Corps of Engineers (USACE) is in the process of completing SIs. Once USACE better characterizes the sites, DoD will evaluate the data and establish a RIP/RC goal for FUDS.

Performance Summary

DoD has identified 3,783 MRSs on active and BRAC installations and FUDS properties through FY2009. DLA has identified no MRSs. DoD reports fewer MRSs on FUDS properties in FY2009 than in previous years. DoD identified some sites that they believed required cleanup, but later determined that these sites did not require any response actions. In FY2009 DoD stopped including data on these sites in this report.

By the end of FY2009, DoD had completed SIs at 72 percent of MRSs on active installations and at 67 percent of MRSs on FUDS properties (Figure 9-2). To help educate military personnel on implementing the MRSP, and on achieving the FY2010 SI goal, DoD released an online training program in FY2009. The online training course is available through Joint Knowledge Online at <http://jko.cmil.org> (course number: J3OP-US452).

Figure 9-2 DoD Progress Toward MMRP Performance Goals*

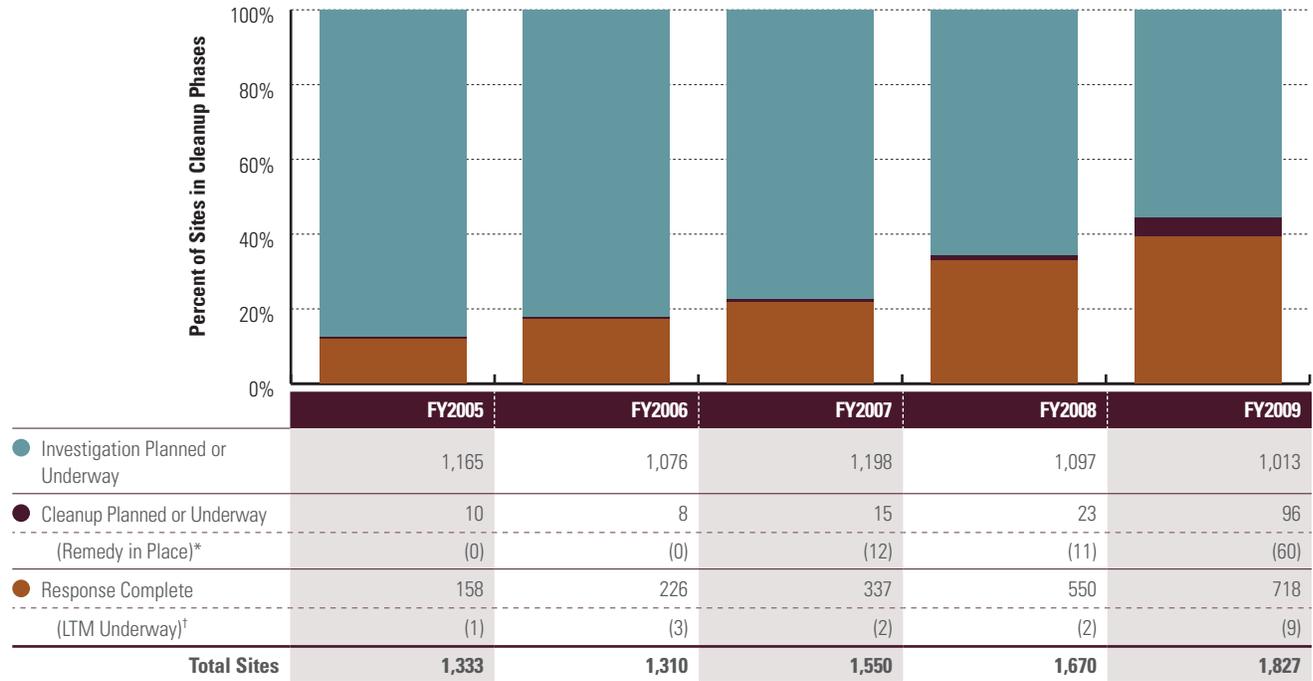
Active Installations	FY05	FY06	FY07	FY08	FY09
Complete PAs at all MRSs by the end of FY2007	69%	70%	96%	95%	97%
Complete SIs at all MRSs by the end of FY2010	14%	24%	29%	51%	72%
Achieve RIP/RC at all MRSs by the end of FY2020	12%	17%	23%	34%	43%
BRAC Installations	FY05	FY06	FY07	FY08	FY09
Achieve RIP/RC at all Legacy BRAC MRSs by the end of FY2009	36%	38%	63%	67%	68%
Achieve RIP/RC at all BRAC 2005 MRSs by the end of FY2017	N/A	0%	20%	27%	33%
FUDS Properties	FY05	FY06	FY07	FY08	FY09
Complete PAs at all MRSs by the end of FY2007	98%	99%	99%	99%	96%
Complete SIs at all MRSs by the end of FY2010	34%	34%	45%	58%	67%

* Active MMRP: New sites added to the inventory in FY2009 are not subject to the PA or SI goals.

While DoD did not achieve RIP/RC at all Legacy BRAC MRSs by the end of FY2009 as planned, it is working aggressively to reduce risk at the remaining sites. The remaining sites generally pose significant challenges due to their complexity.

Appendix B, Section 8 contains MRS status by DoD Component.

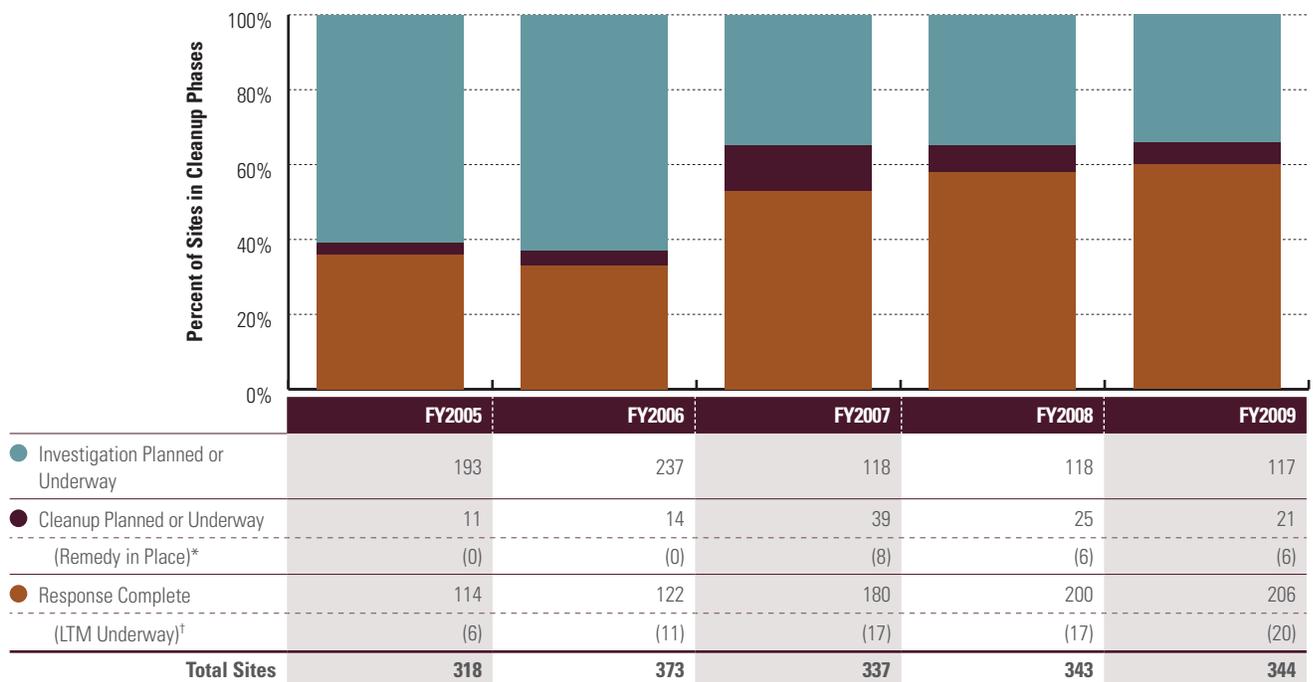
Figure 9-3 DoD MRS Status at Active Installations by Cleanup Phase



* RIP is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

Figure 9-4 DoD MRS Status at Legacy BRAC and BRAC 2005 Installations by Cleanup Phase



* RIP is a subset of Cleanup Planned or Underway.

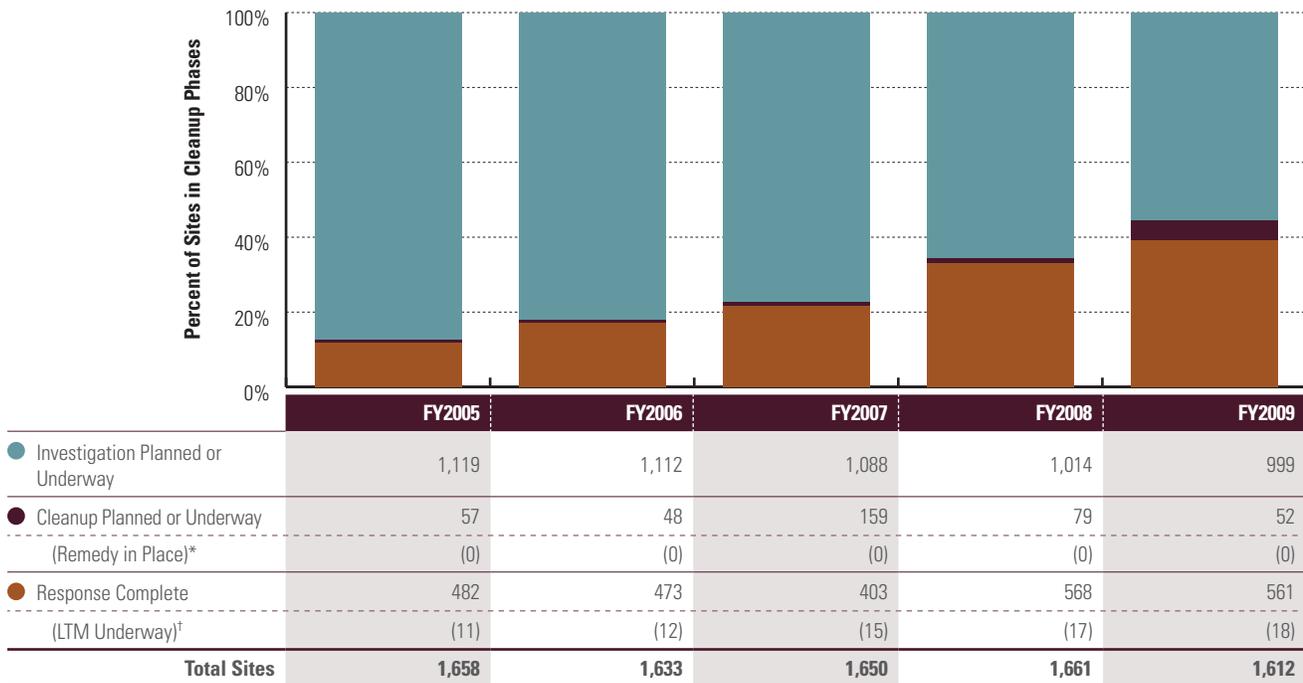
† LTM is a subset of Response Complete.

In FY2009, DoD reports 43 percent of MRSs achieving RIP/RC at active installations, an increase from 34 percent in FY2008 (Figure 9-3). At BRAC installations, 62 percent of MRSs achieved RIP/RC, an increase from 60 percent FY2008 (Figure 9-4). At FUDS properties, 35 percent of MRSs achieved RIP/RC, an increase from 34 percent in FY2008 (Figure 9-5).

Since FY2008, the estimated CTC at active and BRAC installations and FUDS properties dropped by 13 percent. (Figure 9-6).

DoD continues to reach out to federal and state environmental regulators, federal land managers, and other stakeholders to improve the MMRP. One example of how DoD collaborates with stakeholders to clean up munitions is through its participation in the Munitions Response Forum (MRF). State regulators reestablished the MRF (formerly led by DoD and known as the Munitions Response Committee) in FY2009 to identify issues and discuss solutions to enhance environmental cleanup at MRSs.

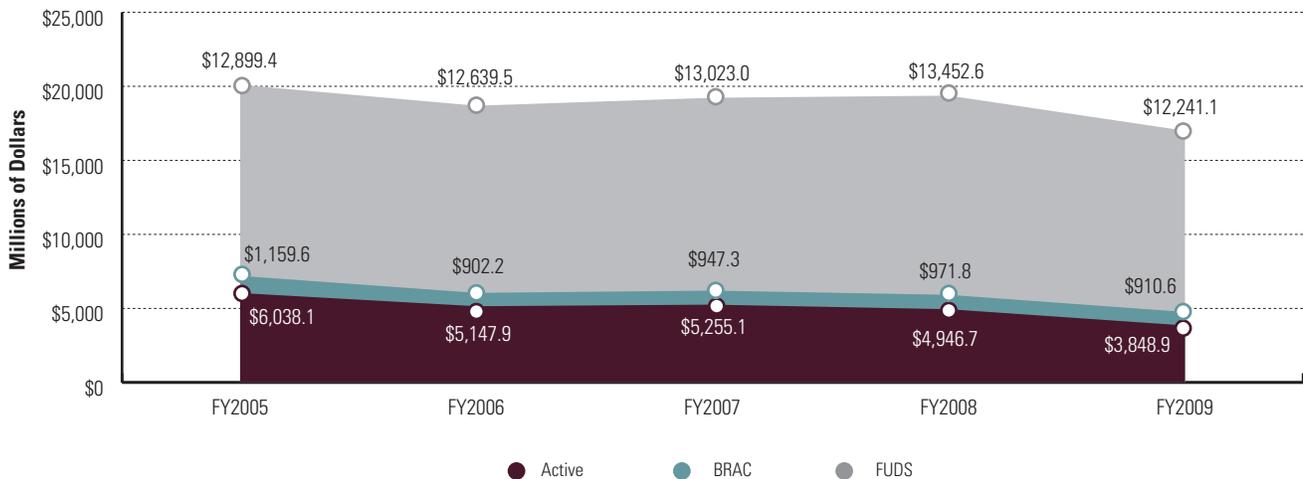
Figure 9-5 DoD MRS Status at FUDS Properties by Cleanup Phase

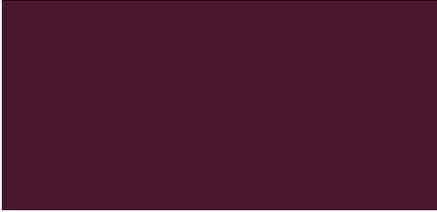


* RIP is a subset of Cleanup Planned or Underway.

† LTM is a subset of Response Complete.

Figure 9-6 DoD MMRP CTC Estimates





10

Sea Disposal of Military Munitions

Section 314 of the Fiscal Year (FY) 2007 National Defense Authorization Act (NDAA) directed the Secretary of Defense to review and report the types, quantities, and locations of chemical warfare material (CWM) and conventional munitions disposed of by the Department in U.S. coastal waters. DoD began to report the results of its historical records research in the FY2006 Defense Environmental Programs Annual Report to Congress. Even though FY2009 is the last year the Department is required to report to Congress on DoD's past sea disposal activities, the Department plans to continue its research.

Sea Disposal of Military Munitions at a Glance

Program Accomplishments:

- Completed the initial inventory of sea disposal sites
- Engaged the National Oceanic and Atmospheric Administration in researching the history of disposal sites currently on nautical charts
- Continued to develop and provide outreach materials

Overview

The Department disposed of excess, obsolete, unserviceable, and captured enemy munitions in the waters off the shores of the United States until 1970. Subsequently, Congress prohibited the practice with the passage of the Marine Protection, Research, and Sanctuaries Act of 1972. Prior to the 1970s, munitions disposal was generally limited to burning, burial on-land, or disposal at sea. At the time, sea disposal was considered one of the safest alternatives available to dispose of munitions.

The U.S. Armed Forces established policies for munitions disposal beginning in 1917. These policies evolved to define depths and locations of disposal sites and became more stringent over time in an effort to reduce the possibility of recovery and accidental contact by the public. For instance, in 1944, the War Department required the disposal of chemical warfare material (CWM) to occur in water at least 300 feet deep and 10 miles from shore and established specific criteria for conventional munitions disposal. By December 1945, the Department increased the disposal depth requirement to 6,000 feet for CWM and 3,000 feet for explosives and ammunition. The Department also published disposal locations in a notice to mariners and on nautical charts.

DoD has developed an inventory of sea disposal sites and will continue to update the inventory as new information becomes available.

Chapter Contents

This chapter summarizes the status and performance trends on the following Sea Disposal of Military Munitions initiatives:

- Archival Research
- Stakeholder Involvement

Figure 10-1 Summary of Sea Disposal of Military Munitions—Chemical

Chemical Agent	Atlantic Coast (tons)	Caribbean Coast (tons)	Pacific Coast (tons)	Gulf Coast (tons)	Alaska Coast (tons)	Hawaii Coast (tons)	Total NCAW (tons)
Lewisite	9,907	--	1,882	--	1,180	253	13,222
Mustard	5,393	<1	9,121	8	57	2,257	16,836
Sarin	253	--	--	--	--	--	253
VX	131	--	--	--	--	--	131
Arsenic Trichloride	505	--	--	--	--	--	505
Arsenic	16	--	--	--	--	--	16
Phosgene	34	--	--	1	--	--	35
Cyanogen Chloride	1	7	--	--	--	204	212
Cyanide	8	--	--	--	--	2	10
Tabun	--	15	--	--	--	--	15
Sulfur Monochloride	16	--	--	--	--	--	16
Unknown Agent	744	--	--	184	--	--	928
Total	17,008	22	11,003	193	1,237	2,716	32,179

Archival Research

To date, DoD has reviewed archival records on CWM, chemical agents, and conventional munitions disposed of by DoD Components in the waters of the United States between 1917 and 1970. The research completed during FY2009 identified many conventional munitions disposals and additional documentation. The discovered documentation resulted in the reassignment of certain disposals from one site to another and revisions to the net chemical agent weight (NCAW) per unit for some CWM disposals. DoD disposed of approximately 32,000 tons of CWM in waters off the coast of the United States. Chemical agent, as used in this chapter, is defined as those substances on the Chemical Weapons Convention (CWC) schedule of toxic chemicals and their precursors. The following figures display the Department's current findings:

- Figure 10-1 provides a summary of the NCAW of CWM according to the chemical agent and water body where disposal took place. The Department determined NCAW totals based on assumptions on the container sizes and densities of the disposed materials.
- Figures 10-2 through 10-5 illustrate the locations of each disposal site in U.S. coastal waters.
- Figures 10-6 through 10-77 provide chemical and conventional munitions information for each disposal site. For CWM disposal sites, these figures include the distance from shore, the depth, type of chemical agent, the type of munition or container, the quantity disposed, and the NCAW. For conventional military munitions, these figures include the distance from shore; the depth; the type of munition or container; the fill type (e.g., explosive, smoke); and the quantity. These figures also report disposals that involved

empty munition bodies (e.g., bombs, projectiles) and other DoD materials of interest (e.g., low-level radioactive material, drums of chemicals, contaminated soil) co-disposed with conventional and chemical military munitions.

Stakeholder Involvement

DoD communicates the results of its archival research to the U.S. Coast Guard, the National Oceanic and Atmospheric Administration (NOAA), and other federal agencies. Further, DoD uses the archival research to identify sites for further research concerning the potential risk to the public and marine environments posed by sea disposed munitions.

The research and safety materials distributed by DoD and NOAA are available to commercial and recreational interests. The safety materials provide information on identifying these hazards, what to do if found, and who to contact. For more information on explosives safety, see <http://www.denix.osd.mil/uxosafety>.

Figure 10-2 Approximate Locations of Munitions Disposals in U.S. Northeast

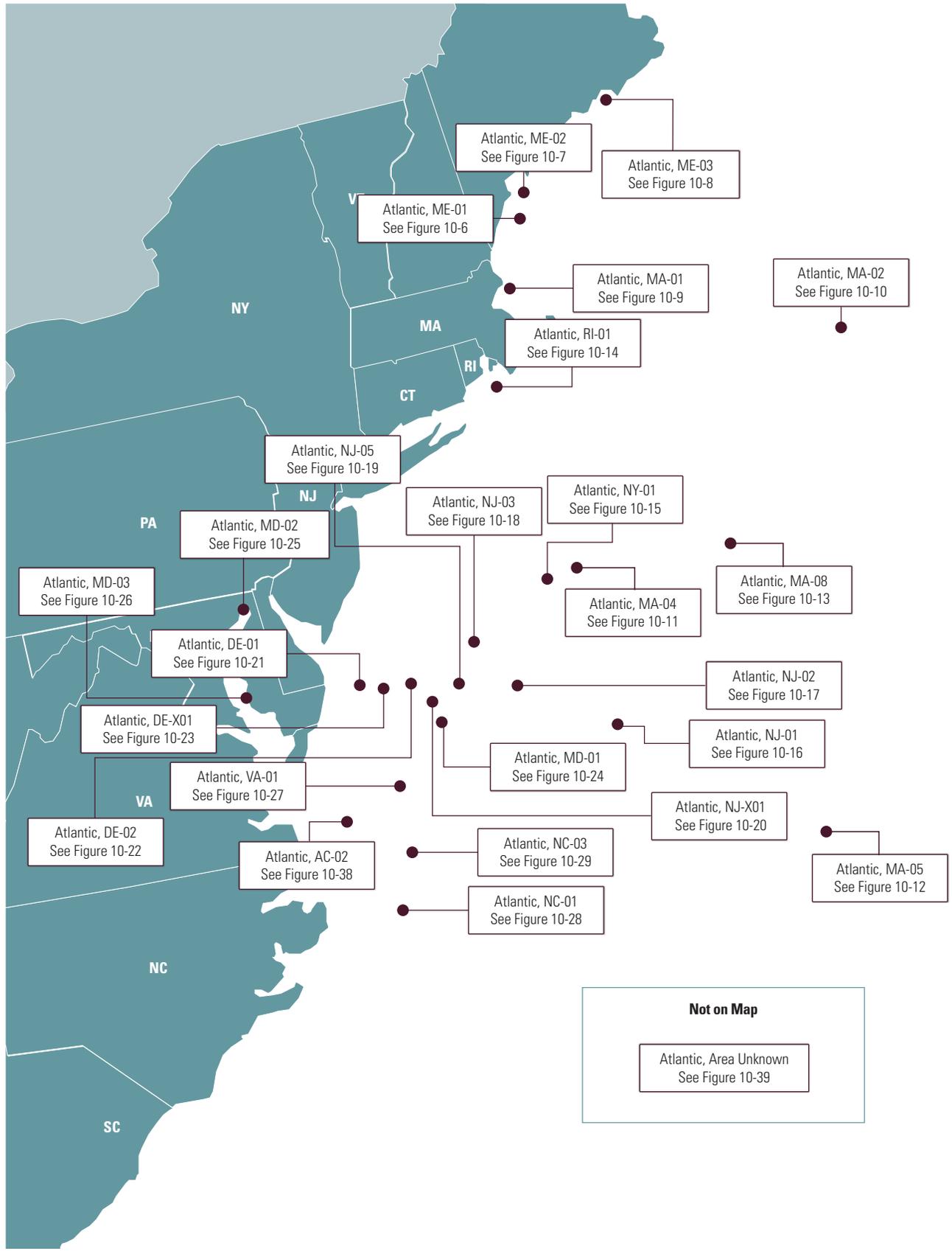


Figure 10-3 Approximate Locations of Munitions Disposals in U.S. Southeast

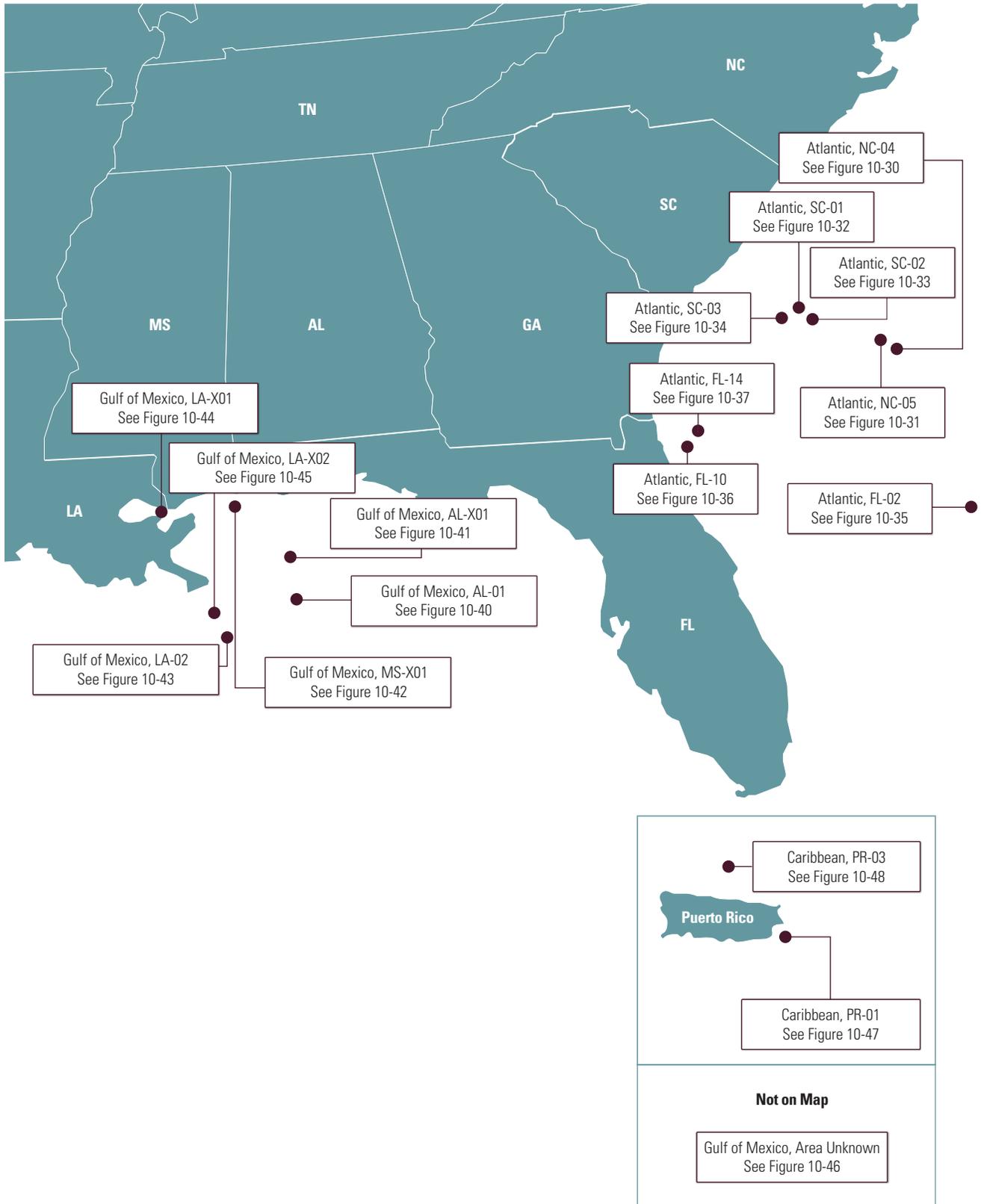


Figure 10-4 Approximate Locations of Munitions Disposals in U.S. West

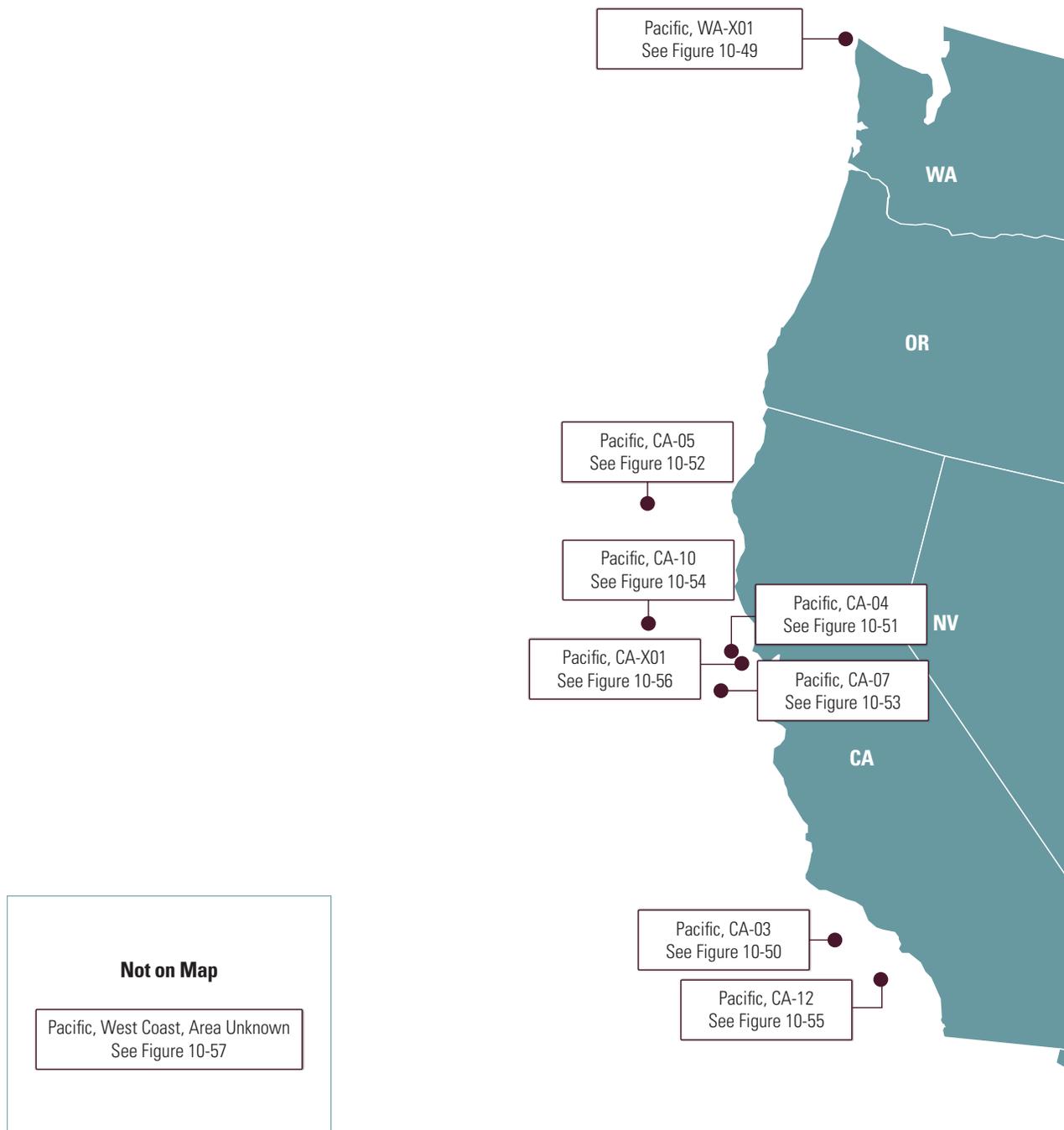


Figure 10-5 Approximate Locations of Munitions Disposals in Alaska and Hawaii

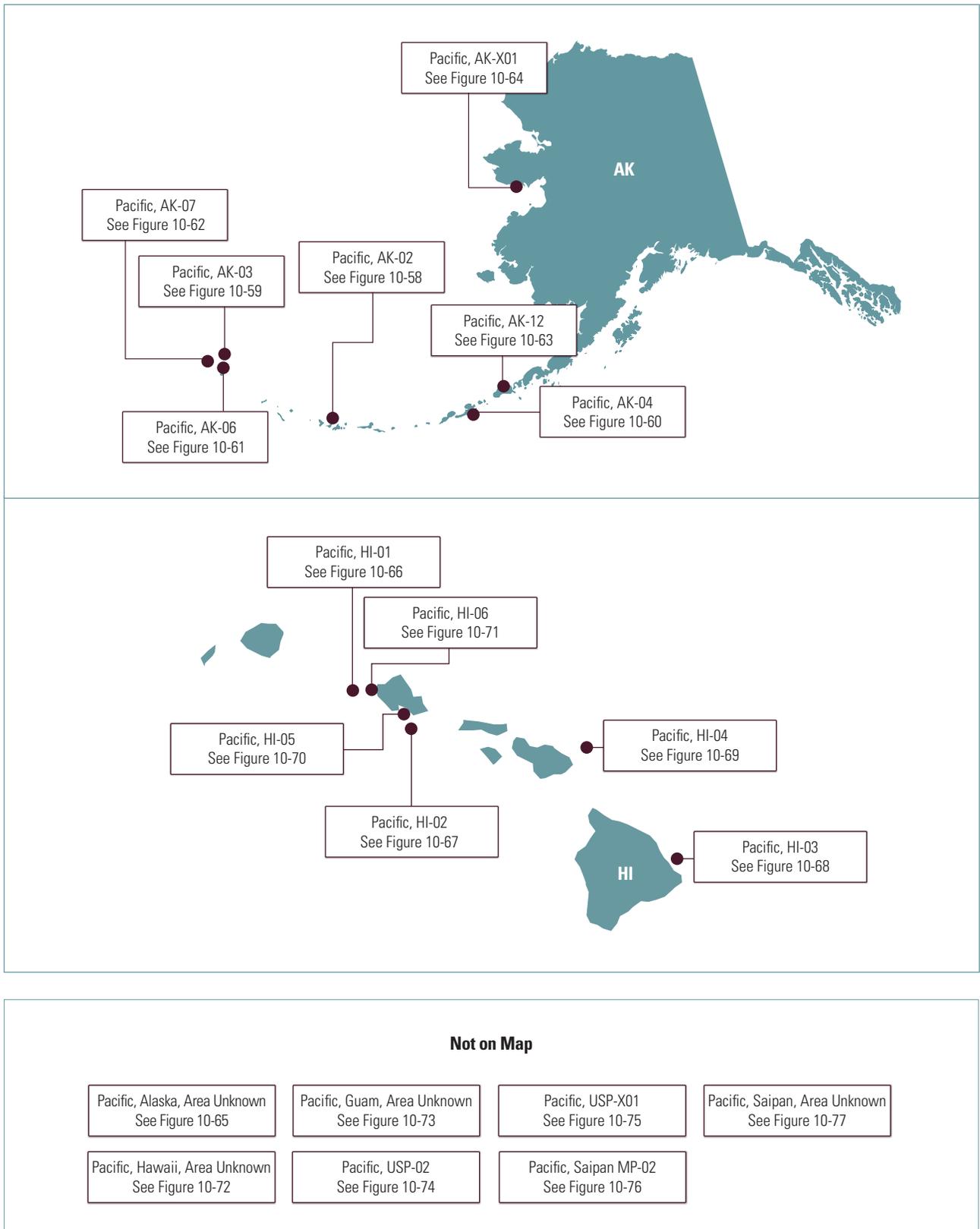


Figure 10-6 U.S. Waters—Atlantic, ME-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 11
 Depth (feet): Greater than 300

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Unknown*	Ordnance	N/A	Unknown	N/A	N/A

* The documentation is unclear as to the nature of the material disposed.

Figure 10-7 U.S. Waters—Atlantic, ME-02 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 300

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	2.25 inch Rocket	Each	7	N/A	N/A
Explosive	Rocket Motor	Each	5	N/A	N/A
Explosive	Bomb, Depth	Each	108	N/A	N/A
Explosive	Fuze	Each	69	N/A	N/A

Figure 10-8 U.S. Waters—Atlantic, ME-03 (Penobscot Bay) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 1
 Depth (feet): Greater than 200

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	55 gal Drum	Each	4	555	1
Mustard Total					1

Figure 10-9 U.S. Waters—Atlantic, MA-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 9
 Depth (feet): Greater than 200

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	5,500	N/A	N/A
Explosive	20 mm Projectile	Each	10	N/A	N/A
Explosive	40 mm Projectile	Each	14	N/A	N/A
Explosive	75 mm Projectile	Each	8	N/A	N/A
Explosive	3"/50 Projectile	Each	1	N/A	N/A
Explosive	81 mm Mortar	Each	4	N/A	N/A
Explosive	7.2 inch Rocket	Each	4	N/A	N/A
Explosive	Booster	Each	6	N/A	N/A
Explosive	Detonator	Each	51	N/A	N/A
Explosive	Fuze	Each	74	N/A	N/A
Propellant	Propellent, Mortar	Each	24	N/A	N/A
Pyrotechnic	Flare, German Pistol	Each	100	N/A	N/A
Pyrotechnic	Signal	Each	2	N/A	N/A
Pyrotechnic	Tracers	Each	144	N/A	N/A
Smoke (HC)	Grenade	Each	1	N/A	N/A
Smoke	Smoke Float	Each	6	N/A	N/A

Figure 10-9 , cont. U.S. Waters—Atlantic, MA-01 Detail of Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Inert	37 mm Projectile	Each	1	N/A	N/A
Unknown	Bomb Disposal Kit	Each	1	N/A	N/A
Unknown	Submarine Sounding Device, German	Each	12	N/A	N/A

Figure 10-10 U.S. Waters—Atlantic, MA-02 Detail of Other Materials Disposed*

Distance from Shore (nautical miles): 105

Depth (feet): Greater than 4,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	22,000	N/A	N/A
Explosive	3.25 inch Rocket	Each	36	N/A	N/A
Explosive	7.2 inch Rocket	Each	65	N/A	N/A
Explosive	Rocket	Ton, Short	34	N/A	N/A
Explosive	Bomb, Unspecified	Ton, Short	1,297	N/A	N/A
Explosive	Ammunition & Explosive	N/A	Unknown	N/A	N/A
Pyrotechnic	Flare	Each	48	N/A	N/A
Pyrotechnic	Signal	Each	776	N/A	N/A
Smoke (FS)	750 lb Drum	Each	200	N/A	N/A

* This site lies outside of the U.S. Exclusive Economic Zone and is included for informational purposes only.

Figure 10-11 U.S. Waters—Atlantic, MA-04 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 85

Depth (feet): Greater than 4,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	433	N/A	N/A

Figure 10-12 U.S. Waters—Atlantic, MA-05 Detail of Other Materials Disposed*

Distance from Shore (nautical miles): 215

Depth (feet): Greater than 13,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

* This site lies outside of the U.S. Exclusive Economic Zone and is included for informational purposes only.

Figure 10-13 U.S. Waters—Atlantic, MA-08 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 110

Depth (feet): Greater than 7,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-14 U.S. Waters—Atlantic, RI-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 15
 Depth (feet): Greater than 100

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Fuze	Each	436	N/A	N/A

Figure 10-15 U.S. Waters—Atlantic, NY-01 (Area A) Detail of CWC Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 90
 Depth (feet): Greater than 5,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	Ton Container	Each	4,577	1,885	4,314
Mustard Total					4,314
Sarin (GB)	M55 Rocket in Concrete Vault	Each	29,280	11.4	167
Sarin (GB)	Ton Container	Each	19	1,600	15
Sarin Total					182
VX	M55 Rocket in Concrete Vault	Each	21,900	10.7	117
VX	Ton Container	Each	19	1,500	14
VX Total					131
Arsenic	30 and 50 gallon Drum or Canister	Each	60	543	16
Arsenic Total					16
Cyanide	30 and 50 gallon Drum or Canister	Each	60	176	5
Cyanide Total					5
Unknown Agent	Ton container	Each	28	1,900	27
Unknown Agent Total					27

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	4,313	N/A	N/A
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	623	N/A	N/A
Riot Control (CS)	Drum	Each	15	N/A	N/A
Industrial	Caustic, Bag of	Each	88	N/A	N/A
Methyl Bromide	Cylinder	Each	4	N/A	N/A
Water-filled, Mustard-Contaminated	Ton Container	Each	3,500	N/A	N/A

New data resulted in the material reported for NY-03 in FY2008 being consolidated into another site in this report.

Figure 10-16 U.S. Waters—Atlantic, NJ-01 Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 200
 Depth (feet): Greater than 13,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Lewisite	Ton Container	Each	48	2,660	64
Lewisite Total					64

Figure 10-16, cont. U.S. Waters—Atlantic, NJ-01 Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	252	N/A	N/A
Radiological	Unknown	Ton, Short	674	N/A	N/A

Figure 10-17 U.S. Waters—Atlantic, NJ-02 (Unnamed 1) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 110

Depth (feet): Greater than 9,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	1,700	1.35	1
Mustard	105 mm Projectile	Each	378	3.17	1
Mustard	155 mm Projectile	Each	341	11.8	2
Mustard	Ton Container	Each	74	1,885	70
Mustard Total					74
Lewisite	150 lb Cylinder	Each	1	150	<1
Lewisite	Ton Container	Each	3	2,660	4
Lewisite Total					4
Cyanogen chloride (CK)	500 lb Bomb	Each	10	176	1
Cyanogen Chloride Total					1
Cyanide (AC)	55 gal Drum	Each	20	283	3
Cyanide Total					3

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	7.2 inch Rocket	N/A	Unknown	N/A	N/A
Explosive	Mine, AT	N/A	Unknown	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	1,345	N/A	N/A
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A
Radiological	55 gal Drum	Each	800	N/A	N/A
Radiological	Drum	Ton, Short	320	N/A	N/A
Radiological	Unknown	Pound	421,757	N/A	N/A
Riot Control (CNB)	Ton Container	Each	456	N/A	N/A
Smoke (FS)	Unknown	N/A	Unknown	N/A	N/A
Unknown	Special Weapon	Ton, Short	130	N/A	N/A
WP—White phosphorus	57 mm Projectile	Each	2,376	N/A	N/A
WP—White phosphorus	Igniter	Each	2,876	N/A	N/A
Inert Material	Inert Material	N/A	Unknown	N/A	N/A

Figure 10-18 U.S. Waters—Atlantic, NJ-03 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 90
 Depth (feet): Greater than 5,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	16,532	N/A	N/A
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	1,147	N/A	N/A
Inert	11 Ton Bomb	Each	1	N/A	N/A

Figure 10-19 U.S. Waters— Atlantic Ocean, NJ-05 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 90
 Depth (feet): Greater than 8,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-20 U.S. Waters—Atlantic, NJ-X01 Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 60
 Depth (feet): Greater than 200

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	100 lb Bomb	Each	3	74.75	<1
Mustard Total					<1

Figure 10-21 U.S. Waters—Atlantic, DE-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 40
 Depth (feet): Greater than 200

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Barge load	1	N/A	N/A
Smoke	Smoke Pot	N/A	Unknown	N/A	N/A

Figure 10-22 U.S. Waters—Atlantic, DE-02 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 50
 Depth (feet): Greater than 200

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition	Ton, Short	306	N/A	N/A

Figure 10-23 U.S. Waters—Atlantic, DE-X01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 30
 Depth (feet): Greater than 100

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	155 mm Projectile	Each	500	N/A	N/A

Figure 10-24 U.S. Waters—Atlantic, MD-01 (Area 1) Detail of CWC Schedule Disposals and Other Materials Disposed*

Distance from Shore (nautical miles): 75
 Depth (feet): Greater than 4,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	100 lb Bomb	Each	2	73	<1
Mustard Total					<1
Arsenic Trichloride	55 gal Drum	Each	1,154	875	505
Arsenic Trichloride Total					505

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	2,712	N/A	N/A

* Additional information has resulted in many of the items previously reported for MD-01 to being moved to other sites.

Figure 10-25 U.S. Waters—Atlantic, MD-02 (Bush River) Detail of Other Materials Disposed

Distance from Shore (nautical miles): Less than 1
 Depth (feet): Unknown

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Empty	25 lb Bomb, Drop (Contained WP)	Each	102	N/A	N/A
Empty	25 lb Bomb, Drop (Contained CN in CCl4)	Each	88	N/A	N/A

Figure 10-26 U.S. Waters—Atlantic, MD-03 (Barren Island) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 2
 Depth (feet): Greater than 100

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-27 U.S. Waters—Atlantic, VA-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 55
 Depth (feet): Greater than 2,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	3,555	N/A	N/A
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	876	N/A	N/A

Figure 10-28 U.S. Waters—Atlantic, NC-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 45
 Depth (feet): Greater than 6,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-29 U.S. Waters—Atlantic, NC-03 (Area Baker) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 65

Depth (feet): Greater than 6,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	4.2 inch Mortar	Each	88,032	6.5	286
Mustard Total					286

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Adamsite (DM)	Smoke Candle, DM	Ton, Short	375	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	4,785	N/A	N/A
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	484	N/A	N/A
Incendiary	2.36 inch Rocket	Each	8	N/A	N/A
Smoke	76 mm Projectile	Each	22,110	N/A	N/A
Smoke (HC)	76 mm Smoke Canister	Each	84	N/A	N/A
Smoke	105 mm Projectile	Each	96	N/A	N/A
Smoke (HC)	105 mm Smoke Canister	Each	55,201	N/A	N/A
Smoke	155 mm Smoke Canister	Each	544	N/A	N/A
Smoke (HC)	2.36 inch Rocket	Each	1,273	N/A	N/A
Smoke	60 mm Mortar	Each	378	N/A	N/A
Smoke (HC)	Grenade, Rifle	Each	155	N/A	N/A
Unknown	Cargo	N/A	Unknown	N/A	N/A
WP—White phosphorus	110 lb Bomb	Each	646	N/A	N/A
WP—White phosphorus	500 lb Bomb	Each	278	N/A	N/A
Decontaminating Agent, Noncorrosive (DANC)	Unknown	Pound	70,180	N/A	N/A
Other	Batteries	N/A	Unknown	N/A	N/A
Other	Various Materials	Ton, Short	160	N/A	N/A

Figure 10-30 U.S. Waters—Atlantic, NC-04 (Area B-1) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 135

Depth (feet): Greater than 4,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	86	1.35	<1
Mustard	105 mm Projectile	Each	1,048	3.17	2
Mustard	155 mm Projectile	Each	968	11.8	6
Mustard	500 lb German Bomb	Each	54	220	6
Mustard	1,000 lb German Bomb	Each	98	420	21
Mustard	Bomb, Unspecified	Each	107	74.75	4
Mustard	50 lb British Mine	Each	2	12	<1
Mustard Total					39
Lewisite	115 lb Bomb	Each	31,360	83	1,301
Lewisite	115 lb Bomb	Ton, short	3,314	1,100	1,823
Lewisite	Ton Container	Each	2	2,660	3
Lewisite	Ton Container	Rail Car Load	6	26,600	80
Lewisite Total					3,207

Figure 10-30, cont. U.S. Waters—Atlantic, NC-04 (Area B-1) Detail of CWC Schedule Disposals and Other Materials Disposed

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Phosgene (CG)	500 lb Bomb	Each	15	205	2
Phosgene (CG)	1,000 lb Bomb	Each	31	417	6
Phosgene (CG)	Bomb, Unspecified	Each	55	205	6
Phosgene Total					14
Tabun (GA)	1,000 lb German Bomb	Each	2	420	<1
Tabun Total					<1

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	414	N/A	N/A
Explosive	20 mm Projectile	Each	366,899	N/A	N/A
Explosive	40 mm Projectile	Each	23,931	N/A	N/A
Explosive	100 lb Bomb	Each	1	N/A	N/A
Explosive	500 lb Bomb	Each	42	N/A	N/A
Explosive	1,000 lb Bomb	Each	7	N/A	N/A
Explosive	100 kg German Bomb	Each	6	N/A	N/A
Explosive	250 kg German Bomb, Cluster	Each	24	N/A	N/A
Explosive	500 kg German Bomb, Cluster	Each	18	N/A	N/A
Explosive	1,000 kg German Bomb	Each	25	N/A	N/A
Explosive	Bomb, Depth	Each	1,181	N/A	N/A
Explosive	7.2 inch Rocket	Each	142	N/A	N/A
Explosive	Rocket	Each	328	N/A	N/A
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	588	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	2,855	N/A	N/A
Explosive	Blasting Cap	Each	12	N/A	N/A
Explosive	Booster	Each	480	N/A	N/A
Explosive	Combination Lock Primers	Each	47	N/A	N/A
Explosive	Demolition Outfit	Each	1	N/A	N/A
Explosive	Depth Charge Pistol	Each	17	N/A	N/A
Explosive	Detonator	Each	194	N/A	N/A
Explosive	Fuze	Box	622	N/A	N/A
Explosive	Fuze	Each	22,249	N/A	N/A
Explosive	Grenade, Fragmentation	Each	10	N/A	N/A
Explosive	Primer	Each	77	N/A	N/A
Explosive	Time Fuse	Foot	25	N/A	N/A
Propellant	Projector Charge	Each	8	N/A	N/A
Pyrotechnic	Depth Charge Marker	Each	226	N/A	N/A
Pyrotechnic	Flare	Each	111	N/A	N/A
Pyrotechnic	Signal	Each	5,069	N/A	N/A
Pyrotechnic	Torpedo Marker	Each	12	N/A	N/A

Figure 10-30, cont. U.S. Waters—Atlantic, NC-04 (Area B-1) Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Pyrotechnic	Tracer	Each	4	N/A	N/A
Riot Control (CN)	Grenade	Each	12	N/A	N/A
Smoke	Grenade, Smoke	Each	7,501	N/A	N/A
WP—White phosphorus	81 mm Mortar	Each	176	N/A	N/A
Other	Abandon Ship Kit	Each	4	N/A	N/A
Other	Guns	Each	37	N/A	N/A
Other	Small Arms Cases	Each	41	N/A	N/A

Figure 10-31 U.S. Waters—Atlantic, NC-05 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 125
 Depth (feet): Greater than 3,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-32 U.S. Waters—Atlantic, SC-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 50
 Depth (feet): Greater than 900

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Box	2	N/A	N/A
Small Arms	Small Arms Ammunition	Each	14,134	N/A	N/A
Explosive	20 mm Projectile	Box	716	N/A	N/A
Explosive	20 mm Projectile	Each	419,537	N/A	N/A
Explosive	40 mm Projectile	Box	559	N/A	N/A
Explosive	40 mm Projectile	Each	6,272	N/A	N/A
Explosive	75 mm Projectile	Box	26	N/A	N/A
Explosive	90 mm Projectile	Box	11	N/A	N/A
Explosive	105 mm Projectile	Box	1	N/A	N/A
Explosive	3"/50 Projectile	Each	447	N/A	N/A
Explosive	5"/51 Projectile	Each	408	N/A	N/A
Explosive	500 lb Bomb	Each	69	N/A	N/A
Explosive	1,000 lb Bomb	Each	126	N/A	N/A
Explosive	Bomb	Each	7	N/A	N/A
Explosive	Bomb, Depth	Each	100	N/A	N/A
Explosive	7.2 inch Rocket	Each	197	N/A	N/A
Explosive	Rocket	Each	473	N/A	N/A
Explosive	Rocket Motor	Each	121	N/A	N/A
Explosive	Rocket Bodies	Each	40	N/A	N/A
Explosive	420 lb Depth Charge	Each	1	N/A	N/A
Explosive	500 lb Depth Charge	Each	117	N/A	N/A
Explosive	525 lb Depth Charge	Each	5	N/A	N/A
Explosive	2 lb Torpedo, IGN	Each	5	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	431	N/A	N/A
Explosive	Black Powder	Can	1	N/A	N/A

Figure 10-32, cont. U.S. Waters—Atlantic, SC-01 Detail of Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Booster	Box	14	N/A	N/A
Explosive	Booster	Each	615	N/A	N/A
Explosive	Cartridge, Percussion	Each	119	N/A	N/A
Explosive	Detonator	Each	2,800	N/A	N/A
Explosive	Fuze	Box	551	N/A	N/A
Explosive	Fuze	Each	365,003	N/A	N/A
Explosive	Grenade	Each	5	N/A	N/A
Explosive	Primer	Box	5	N/A	N/A
Propellant	Projector Charge	Each	215	N/A	N/A
Propellant	Projector Charge Bodies	Box	14	N/A	N/A
Propellant	Projector Charge Bodies	Each	938	N/A	N/A
Propellant	Projector Charge Tail	Box	13	N/A	N/A
Propellant	Propelling Charge	Each	1,898	N/A	N/A
Pyrotechnic	Depth Charge Marker	Box	5	N/A	N/A
Pyrotechnic	Signal	Box	4	N/A	N/A
Pyrotechnic	Signal	Each	594	N/A	N/A
Pyrotechnic	Tracer	Each	97	N/A	N/A
Inert	20mm Projectile Cases	Each	159	N/A	N/A
Inert	7.2 inch Rocket	Each	45	N/A	N/A
Inert	Rocket Bodies	Each	81	N/A	N/A
Inert	Projector Charge	Each	181	N/A	N/A
Other	Ordnance Parts	Box	27	N/A	N/A

Figure 10-33 U.S. Waters—Atlantic, SC-02 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 70

Depth (feet): Greater than 1,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	150 lb Bomb	Each	5,000	N/A	N/A

Figure 10-34 U.S. Waters—Atlantic, SC-03 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 55

Depth (feet): Greater than 700

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	30 lb Bomb, Fragmentation	Each	14,481	N/A	N/A

Figure 10-35 U.S. Waters—Atlantic, FL-02 (Unnamed 4) Detail of CWC Disposals and Other Materials Disposed*

Distance from Shore (nautical miles): 245

Depth (feet): Greater than 16,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 and 155 mm Projectiles	Rail car load	62	20,000	620
Mustard, HN	Ton Container	Each	63	1,800	57
Mustard Total					677

Figure 10-35, cont. U.S. Waters—Atlantic, FL-02 (Unnamed 4) Detail of CWC Disposals and Other Materials Disposed*

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Lewisite	Ton Container	Each	1,507	2,660	2,004
Lewisite	Ton Container	Ton, Short	4,486	2,000	4,486
Lewisite Total					6,490
Sarin (GB)	155 mm Projectile	Each	3	6.5	<1
Sarin (GB)	Rocket, Chemical	Each	12,508	11.4	71
Sarin Total					71
VX	Mine, Land, Chemical	Each	1	10.5	<1
VX Total					<1

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Incendiary	500 lb Bomb	Each	60	N/A	N/A
Unknown	Experimental Munition	N/A	Unknown	N/A	N/A

* This site lies outside of the U.S. Exclusive Economic Zone and is included for informational purposes only.

Figure 10-36 U.S. Waters—Atlantic, FL-10 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 20

Depth (feet): Greater than 70

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	500 lb Bomb	Each	1	N/A	N/A

Figure 10-37 U.S. Waters—Atlantic, FL-14 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 30

Depth (feet): Greater than 90

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	1,000 lb Bomb	Each	7	N/A	N/A

Figure 10-38 U.S. Waters—Atlantic, AC-02 (U.S.S. Elinor) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): Greater than 40

Depth (feet): Greater than 100

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Unknown Agent	Bulk Container and 75 mm Projectiles	Each	2,460	400	492
Unknown Agent Total					492

Figure 10-39 U.S. Waters—Atlantic, Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): Unknown

Depth (feet): Unknown

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	105 mm Projectile	Each	8	3.17	<1
Mustard	100 lb Bomb	Each	58	74.75	2
Mustard Total					2

Figure 10-39, cont. U.S. Waters—Atlantic, Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Lewisite	55 gal Drum	Each	364	780	142
Lewisite Total					142
Phosgene (CG)	Cylinder	Ton, Short	20	2,000	20
Phosgene Total					20
Sulfur Monochloride	Drum	Each	45	704	16
Sulfur Monochloride Total					16
Unknown Agent	105 mm Projectile	N/A	Unknown	N/A	N/A
Unknown Agent	100 lb Bomb	N/A	Unknown	N/A	N/A
Unknown Agent	Unknown	N/A	Unknown	N/A	N/A
Unknown Agent	Stokes and Livens Ammunition	Ton	900	500	225
Unknown Agent Total					225

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	26,800	N/A	N/A
Small Arms	Small Arms Ammunition	Case	174	N/A	N/A
Explosive	20 mm Projectile	Box	551	N/A	N/A
Explosive	20 mm Projectile	Each	13,001	N/A	N/A
Explosive	37 mm Projectile	Each	12	N/A	N/A
Explosive	40 mm Projectile	Box	321	N/A	N/A
Explosive	40 mm Projectile	Each	11,183	N/A	N/A
Explosive	135 mm German Projectile	N/A	Unknown	N/A	N/A
Explosive	170 mm German Projectile	N/A	Unknown	N/A	N/A
Explosive	3 inch Projectile	Each	2	N/A	N/A
Explosive	4.7 inch Projectile	Each	9,464	N/A	N/A
Explosive	6 inch Projectile	Each	794	N/A	N/A
Explosive	7 inch Projectile	Each	1	N/A	N/A
Explosive	8 inch Projectile	Each	13,411	N/A	N/A
Explosive	9.2 inch Projectile	Each	30,698	N/A	N/A
Explosive	10 inch Projectile	Each	1	N/A	N/A
Explosive	1.1"/75 Projectile	Box	123	N/A	N/A
Explosive	1.1"/75 Projectile	Each	21	N/A	N/A
Explosive	3"/23 Projectile	Each	3,017	N/A	N/A
Explosive	3"/50 Projectile	Each	1,480	N/A	N/A
Explosive	4"/40 Projectile	N/A	Unknown	N/A	N/A
Explosive	4"/50 Projectile	Each	583	N/A	N/A
Explosive	5"/38 Projectile	Each	46	N/A	N/A
Explosive	5"/51 Projectile	Each	2,442	N/A	N/A
Explosive	1 Pounder Projectile	Each	2,303	N/A	N/A
Explosive	3 Pounder Projectile	Each	29,157	N/A	N/A
Explosive	6 Pounder Projectile	Each	3,692	N/A	N/A
Explosive	12 lb Projectile Case, British	Each	40	N/A	N/A
Explosive	35 lb Projectile, British	Each	25	N/A	N/A
Explosive	Projectile, Unknown	Each	1,408	N/A	N/A

Figure 10-39, cont. U.S. Waters—Atlantic, Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Projectile, Mixed	Ton, Short	200	N/A	N/A
Explosive	81 mm Mortar	Each	8	N/A	N/A
Explosive	150 lb Bomb	Each	3,000	N/A	N/A
Explosive	260 lb Bomb	Each	970	N/A	N/A
Explosive	500 lb Bomb	Each	98	N/A	N/A
Explosive	1,000 lb Bomb	Each	85	N/A	N/A
Explosive	Bomb, Depth	Each	201	N/A	N/A
Explosive	Bomb, Ground	Each	200	N/A	N/A
Explosive	320 lb Depth Charge	Each	73	N/A	N/A
Explosive	340 lb Depth Charge	Each	473	N/A	N/A
Explosive	420 lb Depth Charge	Each	639	N/A	N/A
Explosive	Depth Charge	Each	198	N/A	N/A
Explosive	7.2 inch Rocket	Each	560	N/A	N/A
Explosive	Rocket Motor No 1, British	Each	474	N/A	N/A
Explosive	Ammunition, Unspecified	Barge load	2	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	9,340	N/A	N/A
Explosive	Aircraft Starter Cartridges	Each	260	N/A	N/A
Explosive	Booster	Box	1	N/A	N/A
Explosive	Booster	Each	17,581	N/A	N/A
Explosive	Burster Tube	Each	100	N/A	N/A
Explosive	Demolition Blocks, TNT	Each	3	N/A	N/A
Explosive	Detonator	Each	200	N/A	N/A
Explosive	Detonators, Primers, Caps	Box	1	N/A	N/A
Explosive	Explosive, Unspecified	Barge load	1	N/A	N/A
Explosive	Explosives and Ammunition	Pound	6,700	N/A	N/A
Explosive	Fuze	Box	24	N/A	N/A
Explosive	Fuze	Each	97,877	N/A	N/A
Explosive	Fuze	Ton, Short	200	N/A	N/A
Explosive	Fuzes, Primers, Detonators	N/A	Unknown	N/A	N/A
Explosive	Grenade	Each	502	N/A	N/A
Explosive	Grenade, Rifle	Ton, Short	108	N/A	N/A
Explosive	Mine, AT	Each	9	N/A	N/A
Explosive	Non-Toxic Gas and Smoke-Filled Ammunition, Explosive Components	Ton, Short	450	N/A	N/A
Explosive	Primer	Each	542	N/A	N/A
Explosive	Torpedo Shells	N/A	Unknown	N/A	N/A
Explosives, Bulk	Picric Acid and TNT	Rail car load	228	N/A	N/A
Propellant	Propellant Charge	Each	9,960	N/A	N/A
Pyrotechnic	Flare	Each	1,317	N/A	N/A
Pyrotechnic	Signal	Box	1	N/A	N/A
Pyrotechnic	Signal	Each	20,363	N/A	N/A
Pyrotechnic	Tracer	Each	578	N/A	N/A
Pyrotechnic	Depth Charge Marker	Each	1	N/A	N/A
Smoke (HC)	Can	Each	12	N/A	N/A
Smoke (FM)	Drum	N/A	Unknown	N/A	N/A

Figure 10-39, cont. U.S. Waters—Atlantic, Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Smoke	Smoke Float	Each	22	N/A	N/A
Smoke	Smoke Pot	Each	61	N/A	N/A
CAIS	Set, Chemical Agent Identification	Each	200	N/A	N/A
Riot Control (KJ)	Grenade, Hand	N/A	Unknown	N/A	N/A
Riot Control (CN-DM)	Grenade	Each	230	N/A	N/A
Riot control (CN)	Grenade	Each	65	N/A	N/A
Riot control (CN)	Capsule	Each	7,875	N/A	N/A
WP—White phosphorus	Grenade	Case	10	N/A	N/A
Inert	40 mm Projectile	Each	8	N/A	N/A
Empty	Projectile Case	Each	262	N/A	N/A
Unknown	S.T.D.F.	Each	883	N/A	N/A

Figure 10-40 U.S. Waters—Gulf of Mexico, AL-01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 80
 Depth (feet): Greater than 5,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Riot Control (CNS)	4.2 inch Mortar	Barge load	1	N/A	N/A
Unknown	Chemicals or Ordnance	N/A	Unknown	N/A	N/A

The documentation is unclear as to the nature of the material disposed.

Figure 10-41 U.S. Waters—Gulf of Mexico, AL-X01 (Mobile) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 11
 Depth (feet): Greater than 60

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	1,000 lb German Bomb	Each	30	420	6
Mustard	500 lb German Bomb	Each	3	220	<1
Mustard Total					7

Figure 10-42 U.S. Waters—Gulf of Mexico, MS-X01 (Horn island) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 2
 Depth (feet): Greater than 30

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Empty	500 kg Bomb Debris	Each	5	N/A	N/A

Figure 10-43 U.S. Waters—Gulf of Mexico, LA-02 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 30
 Depth (feet): 2,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-44 U.S. Waters—Gulf of Mexico, LA-X01 (Braithwaite) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): Less than 1
 Depth (feet): Greater than 50

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	100 lb Bomb	Each	20	74.75	1
Mustard Total					1
Unknown Agent	Bomb	Each	2	N/A	N/A
Unknown Agent Total					N/A

Figure 10-45 U.S. Waters—Gulf of Mexico, LA-X02 Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 50
 Depth (feet): Unknown

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	100 lb Bomb	Each	1	74.75	<1
Mustard Total					<1

Figure 10-46 U.S. Waters—Gulf of Mexico, Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): Unknown
 Depth (feet): Unknown

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	126 lb Bomb	Each	2	59	<1
Mustard Total					<1
Phosgene (CG)	500 lb Bomb	Each	1	205	<1
Phosgene (CG)	1,000 lb Bomb	Each	1	417	<1
Phosgene (CG)	250 kg German Bomb	Each	2	240	<1
Phosgene (CG)	500 kg German Bomb	Each	1	475	<1
Phosgene Total					1
Unknown Agent	Ammunition, Unspecified	Ton, Short	921	400	184
Unknown Agent Total					184

Other Materials Disposed

Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	N/A	Unknown	N/A	N/A

Figure 10-47 U.S. Waters—Caribbean, PR-01 (Puerto Rico, Vieques) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 2,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	4.2 inch Mortar	Each	16	6	<1
Mustard-Q Mix (HQ)	4.2 inch Mortar	Each	18	6	<1
Mustard-T Mix (HT)	4.2 inch Mortar	Each	34	5.75	<1
Mustard Total					<1

Figure 10-47, cont. U.S. Waters—Caribbean, PR-01 (Puerto Rico, Vieques) Detail of CWC Schedule Disposals and Other Materials Disposed

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Cyanogen Chloride (CK)	115 lb Bomb	Each	124	51.8	3
Cyanogen Chloride (CK)	500 lb Bomb	Each	29	176	3
Cyanogen Chloride (CK)	1,000 lb Bomb	Each	8	351	1
Cyanogen Chloride Total					7
Tabun (GA)	4.2 inch Mortar	Each	1,842	4.2	4
Tabun (GA)	250 kg German Bomb	Each	110	206	11
Tabun Total					15

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Fuze	Each	25	N/A	N/A
Smoke (FS)	4.2 inch Mortar	Each	6	N/A	N/A
Empty	4.2 inch Mortar	Each	467	N/A	N/A
Empty	100 lb Bomb	Each	50	N/A	N/A
Empty	115 lb Bomb	Each	238	N/A	N/A
Empty	126 lb Bomb	Each	40	N/A	N/A
Empty	500 lb Chemical Drum	Each	12	N/A	N/A

Figure 10-48 U.S. Waters—Caribbean, PR-03 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 5,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Fuze	Each	25	N/A	N/A

Figure 10-49 U.S. Waters—Pacific, WA-X01 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 300

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Riot Control (CN-DM)	Grenade, Irritant	Each	428	N/A	N/A

Figure 10-50 U.S. Waters—Pacific, CA-03 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 15
 Depth (feet): Greater than 6,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	20 mm Projectile	Each	6	N/A	N/A
Explosive	40 mm Projectile	Each	4	N/A	N/A

Figure 10-51 U.S. Waters—Pacific, CA-04 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 15
 Depth (feet): Greater than 6,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	236	N/A	N/A

Figure 10-52 U.S. Waters—Pacific, CA-05 (S.S. VanZandt) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 80
 Depth (feet): Greater than 12,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	1,054	N/A	N/A

Figure 10-53 U.S. Waters—Pacific, CA-07 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 40
 Depth (feet): Greater than 6,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A

Figure 10-54 U.S. Waters—Pacific, CA-10 (West Coast) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 95
 Depth (feet): Greater than 13,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	155 mm Projectile	Each	3	11.8	<1
Mustard	115 lb Bomb	Each	301,000	60.6	9,120
Mustard	100 lb Bomb	Each	6	74.75	<1
Mustard Total					9,121
Lewisite	Ton Container	Each	1,415	2,660	1,882
Lewisite Total					1,882

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Other	Contaminated Soil with Fragments	N/A	Unknown	N/A	N/A

CA-11 was erroneously reported in FY2009. The site lies about 500 miles from the U.S. coast and is well outside U.S. coastal waters.

Figure 10-55 U.S. Waters—Pacific, CA-12 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 2,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	.30 Cal Cartridge, Grenade	Each	95	N/A	N/A
Explosive	1.1"/75 Projectile	Each	5,918	N/A	N/A
Explosive	4"/40 Projectile	Each	1,900	N/A	N/A
Explosive	81 mm Mortar	Each	50	N/A	N/A

Figure 10-55, cont. U.S. Waters—Pacific, CA-12 Detail of Other Materials Disposed

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Grenade, Fragmentation	Each	13	N/A	N/A
Explosive	260 lb Bomb, Fragmentation	Each	1,387	N/A	N/A
Explosive	500 lb Bomb	Each	52	N/A	N/A
Explosive	2,000 lb Bomb	Each	14	N/A	N/A
Explosive	320 lb Depth Charge	Each	35	N/A	N/A
Explosive	420 lb Depth Charge	Each	5	N/A	N/A
Explosive	Depth Charge	Each	20	N/A	N/A
Explosive	3.25 inch Rocket	Each	1,044	N/A	N/A
Explosive	5 inch Rocket	Each	109	N/A	N/A
Explosive	7.2 inch Rocket	Each	630	N/A	N/A
Explosive	Torpedo, Warhead	Each	2	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	534	N/A	N/A
Explosive	Booster	Each	220	N/A	N/A
Explosive	Fuze	Each	1,480	N/A	N/A
Explosive	Igniter	Each	288	N/A	N/A
Propellant	JATO Units	Each	10	N/A	N/A
Pyrotechnic	5"/38 Projectile	Each	147	N/A	N/A
Pyrotechnic	Signal	Each	4	N/A	N/A
Inert	Fuze	Each	2	N/A	N/A
Riot Control (CN-DM)	Grenade, Irritant	Each	211	N/A	N/A
WP—White phosphorus	5"/38 Projectile	Each	1,026	N/A	N/A

Figure 10-56 U.S. Waters—Pacific, CA-X01 (Unknown) Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown

Depth (feet): Unknown

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	1,181	N/A	N/A
Explosive	3"/50 Projectile	Each	41	N/A	N/A
Smoke	4"/50 Projectile	Each	71	N/A	N/A
Explosive	Grenade, Fragmentation	Each	1	N/A	N/A
Explosive	Fuze	Each	601	N/A	N/A
CAIS	Set, Chemical Agent Identification	Each	7	N/A	N/A
Inert	Equipment	Each	2	N/A	N/A

Figure 10-57 U.S. Waters—Pacific, West Coast Area Unknown Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown

Depth (feet): Unknown

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	65,672	N/A	N/A
Explosive	20 mm Projectile	Each	2,169	N/A	N/A
Explosive	37 mm Projectile	Each	12	N/A	N/A
Explosive	40 mm Projectile	Each	1,022	N/A	N/A
Explosive	75 mm Projectile	Each	60	N/A	N/A

Figure 10-57, cont. U.S. Waters—Pacific, West Coast Area Unknown Detail of Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	105 mm Projectile	Each	37	N/A	N/A
Explosive	3 inch Projectile	Each	29	N/A	N/A
Explosive	3.2 inch Projectile	Each	1,905	N/A	N/A
Explosive	3"/50 Projectile	Each	225	N/A	N/A
Explosive	4"/40 Projectile	Each	4,631	N/A	N/A
Explosive	5"/38 Projectile	Each	357	N/A	N/A
Explosive	60 mm Mortar	Each	136	N/A	N/A
Explosive	7.2 inch Rocket	Each	102	N/A	N/A
Explosive	Bomb	Each	8	N/A	N/A
Explosive	29 lb Depth Charge	Each	11	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	944	N/A	N/A
Explosive	Ammunition and Powder	N/A	Unknown	N/A	N/A
Explosive	Demolition Charge	Each	8	N/A	N/A
Explosive	Fuze	Each	128	N/A	N/A
Incendiary	20 mm Projectile	Each	5	N/A	N/A
Incendiary	4 lb Bomb	Each	1,356	N/A	N/A
Incendiary	100 lb Bomb	Each	80	N/A	N/A
Pyrotechnic	20 mm Projectile	Each	15	N/A	N/A
Pyrotechnic	Bomb, Photoflash	Each	536	N/A	N/A
Pyrotechnic	Destructors	Each	405	N/A	N/A
Pyrotechnic	Signal	Each	366	N/A	N/A
Propellant	Propellant Charge	Each	61	N/A	N/A
Explosives, bulk	Black Powder/TNT	Drum	107	N/A	N/A
Other	Scrap Metal	Ton, Short	10	N/A	N/A
Other	Scrap	Barge load	1	N/A	N/A

Figure 10-58 U.S. Waters—Pacific, AK-02 (R.L. Stevenson) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 15
 Depth (feet): Greater than 2,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Explosives and Propellant	Ton, Net Explosive Weight	3,130	N/A	N/A

Figure 10-59 U.S. Waters—Pacific, AK-03 (Attu Island) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 11,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	Ton Container	Each	61	1,885	57
Mustard Total					57
Lewisite	Ton Container	Each	887	2,660	1,180
Lewisite Total					1,180

Figure 10-60 U.S. Waters—Pacific, AK-04 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 20

Depth (feet): Greater than 4,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	745 lb Depth Charge	Each	100	N/A	N/A

Figure 10-61 U.S. Waters—Pacific, AK-06 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 3

Depth (feet): Greater than 80

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	30,000	N/A	N/A
Explosive	40 mm Projectile	Each	2,768	N/A	N/A
Explosive	3 inch Projectile	Each	2	N/A	N/A
Explosive	340 lb Depth Charge	Each	5	N/A	N/A
Explosives, Bulk	50 lb Box Dynamite	Each	24	N/A	N/A
Explosives, Bulk	Box Dynamite	Each	1	N/A	N/A
Pyrotechnic	Flare	Each	7	N/A	N/A

Figure 10-62 U.S. Waters—Pacific, AK-07 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 8

Depth (feet): Greater than 1,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Bombs, fuzes, pyrotechnics, powder charges, small arms	Ton, Short	3	N/A	N/A

Figure 10-63 U.S. Waters—Pacific, AK-12 Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown

Depth (feet): Unknown

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	100 lb Bomb	Each	237	N/A	N/A
Explosive	350 lb Bomb, Depth	Each	56	N/A	N/A
Explosive	500 lb Bomb	Each	365	N/A	N/A
Explosive	1,000 lb Bomb	Each	283	N/A	N/A
Explosive	29 lb Depth Charge	Each	48	N/A	N/A
Explosive	745 lb Depth Charge	Each	5	N/A	N/A

Figure 10-64 U.S. Waters—Pacific, AK-X01 (Nome) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 11

Depth (feet): Greater than 60

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	60,550	N/A	N/A
Explosive	37 mm Projectile	Each	80	N/A	N/A
Explosive	Mine, AT	Each	5,454	N/A	N/A
Inert	Shell, Practice	Each	33	N/A	N/A
Pyrotechnic	Signal	Each	3,784	N/A	N/A

Figure 10-65 U.S. Waters—Pacific, Alaska Area Unknown Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown

Depth (feet): Unknown

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	116,350	N/A	N/A
Small Arms	Small Arms, Japanese	Unknown	Unknown	N/A	N/A
Explosive	40 mm Projectile	Each	9,347	N/A	N/A
Explosive	3"/23 Projectile	Each	759	N/A	N/A
Explosive	4"/50 Projectile	Each	101	N/A	N/A
Explosive	5.0 inch Projectile	Each	1,663	N/A	N/A
Explosive	6 inch Projectile	Each	691	N/A	N/A
Explosive	1 Pounder Projectile	Each	157	N/A	N/A
Explosive	6 Pounder Projectile	Each	720	N/A	N/A
Explosive	Projectile	Each	1	N/A	N/A
Explosive	Grenade	Each	1,040	N/A	N/A
Explosive	1.25 inch Rocket Motor	Each	600	N/A	N/A
Explosive	2.25 inch Rocket	Each	204	N/A	N/A
Explosive	7.2 inch Rocket	Each	958	N/A	N/A
Explosive	Rocket	Each	600	N/A	N/A
Explosive	100 lb Bomb	Each	867	N/A	N/A
Explosive	500 lb Bomb	Each	497	N/A	N/A
Explosive	Bomb, Fragmentation	Each	1,227	N/A	N/A
Explosive	325 Bomb, Depth	Each	87	N/A	N/A
Explosive	350 lb Bomb, Depth	Each	559	N/A	N/A
Explosive	629 lb Bomb, Depth	Each	92	N/A	N/A
Explosive	650 lb Bomb, Depth	Each	427	N/A	N/A
Explosive	700 lb Bomb, Depth	Each	75	N/A	N/A
Explosive	300 lb Depth Charge	Each	123	N/A	N/A
Explosive	420 lb Depth Charge	Each	27	N/A	N/A
Explosive	745 lb Depth Charge	Each	16	N/A	N/A
Explosive	Depth Charge Case	Each	15	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	4,625	N/A	N/A
Explosive	Aircraft Starter Cartridges	Each	300	N/A	N/A
Explosive	Blasting Cap	Each	1,219	N/A	N/A
Explosive	Booster	Each	1,061	N/A	N/A
Explosive	Fuze	Each	18,987	N/A	N/A
Explosive	JATO Igniters	Each	105	N/A	N/A
Explosive	Prima Cord	Foot	1,675	N/A	N/A
Explosive	Primer	Each	566	N/A	N/A
Explosive	Torpedo Warhead	Each	4	N/A	N/A
Explosive	Torpedo, Bangalore	Each	2,254	N/A	N/A
Explosive	1/2 lb Demolition Block	Pound	520	N/A	N/A
Explosives, Bulk	Cratering Explosives	Pound	26,880	N/A	N/A
Explosives, Bulk	Dynamite	Case	700	N/A	N/A
Explosives, Bulk	Dynamite	Pound	46,800	N/A	N/A
Incendiary	Destructors	Each	473	N/A	N/A

Figure 10-65, cont. U.S. Waters—Pacific, Alaska Area Unknown Detail of Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Incendiary	50 lb Thermite Charge	Each	1	N/A	N/A
Propellant	Propelling Charge	Each	1,554	N/A	N/A
Pyrotechnic	Flare	Each	2,962	N/A	N/A
Pyrotechnic	Signal	Each	5,357	N/A	N/A
Smoke (FS)	55 gal Drum	Pound	22,506	N/A	N/A
Inert	7.2 inch Rocket	Each	4	N/A	N/A

Figure 10-66 U.S. Waters—Pacific, HI-01 (Oahu Area 1) Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 11

Depth (feet): Greater than 6,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	2,440	1.35	2
Mustard	105 mm Projectile	Each	21,408	3.17	34
Mustard	155 mm Projectile	Each	1,747	11.43	10
Mustard	155 mm Projectile	Each	1,949	11.7	11
Mustard	155 mm Projectile	Each	595	11.8	4
Mustard	4.2 inch Mortar	Each	30,917	6.5	100
Mustard	115 lb Bomb	Each	14,956	60.6	453
Mustard	Ton Container	Each	1,038	1,885	978
Mustard Total					1,592
Lewisite	Ton Container	Each	190	2,660	253
Lewisite Total					253
Cyanogen Chloride (CK)	500 lb Bomb	Each	125	176	11
Cyanogen Chloride (CK)	1,000 lb Bomb	Each	1,100	351	193
Cyanogen Chloride Total					204
Cyanide (AC)	1,000 lb Bomb	Each	20	200	2
Cyanide Total					2

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	4,503,100	N/A	N/A
Small Arms	Small Arms Ammunition	Ton, Short	5	N/A	N/A
Explosive	20 mm Projectile, Japanese	Each	2,552	N/A	N/A
Explosive	25 mm Projectile, Japanese	Each	3,880	N/A	N/A
Explosive	37 mm Projectile	Each	289,334	N/A	N/A
Explosive	37 mm Projectile, Practice	Each	8,360	N/A	N/A
Explosive	40 mm Projectile	Each	22,604	N/A	N/A
Explosive	57 mm Projectile, Japanese	Each	57	N/A	N/A
Explosive	70 mm Projectile, Japanese	Each	273	N/A	N/A
Explosive	75 mm Projectile	Each	339,088	N/A	N/A
Explosive	90 mm Projectile	Each	123,399	N/A	N/A
Explosive	105 mm Projectile	Each	14,742	N/A	N/A
Explosive	155 mm Projectile	Each	72,972	N/A	N/A

Figure 10-66, cont. U.S. Waters—Pacific, HI-01 (Oahu Area 1) Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	240 mm Projectile	Each	8,529	N/A	N/A
Explosive	12 cm Projectile, Japanese	Each	6	N/A	N/A
Explosive	15 cm Projectile, Japanese	Each	175	N/A	N/A
Explosive	3 inch Projectile	Each	13,553	N/A	N/A
Explosive	4.5 inch Projectile	Each	16,748	N/A	N/A
Explosive	8 inch Projectile	Each	1,937	N/A	N/A
Explosive	81 mm Mortar, Japanese	Each	132	N/A	N/A
Explosive	90 mm Mortar, Japanese	Each	22	N/A	N/A
Explosive	12 inch Mortar	Each	769	N/A	N/A
Explosive	2.25 inch Rocket	Each	7,446	N/A	N/A
Explosive	2.36 inch Rocket	Each	243	N/A	N/A
Explosive	3.25 inch Rocket	Each	902	N/A	N/A
Explosive	4.5 inch Rocket	Each	85,564	N/A	N/A
Explosive	7.2 inch Rocket	Each	14,118	N/A	N/A
Explosive	8 inch Rocket	Each	248	N/A	N/A
Explosive	Rocket Motor	Each	1	N/A	N/A
Explosive	1/3 kg Bomb, Japanese	Each	1	N/A	N/A
Explosive	1,000 lb Bomb	Each	1,778	N/A	N/A
Explosive	Grenade, Japanese	Each	11,120	N/A	N/A
Explosive	Grenade, Rifle	Each	27,250	N/A	N/A
Explosive	Mine, AT	Each	440,885	N/A	N/A
Explosive	Mine, AT	Ton, Short	55	N/A	N/A
Explosive	Mine, Japanese	Each	285	N/A	N/A
Explosive	Ammunition, Unspecified	Barge load	17	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	132	N/A	N/A
Explosive	Fuze	Each	43,173	N/A	N/A
Explosive	Horns, chemical for beach mines	Each	50	N/A	N/A
Explosive	Primer	Each	76,676	N/A	N/A
Explosives, Bulk	Black Powder	Ton, Short	5	N/A	N/A
Incendiary	Igniter Pull	Each	200	N/A	N/A
Propellant	Propelling Charge	Each	978	N/A	N/A
WP—White phosphorus	75 mm Projectile	Each	8	N/A	N/A
Inert	Battery switches and booster cups for mines	Each	30	N/A	N/A
Inert	Fuze parts	Each	2,989	N/A	N/A

Figure 10-67 U.S. Waters—Pacific, HI-02 (Oahu Area 2) Area Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 1,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	1,213	1.35	1
Mustard	75 mm Projectile	Each	2,151	1.04	1

Figure 10-67, cont. U.S. Waters—Pacific, HI-02 (Oahu Area 2) Area Detail of CWC Schedule Disposals and Other Materials Disposed

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	105 mm Projectile	Each	24,084	3.17	38
Mustard	155 mm Projectile	Each	868	11.7	5
Mustard Total					45

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	28,600	N/A	N/A
Explosive	37 mm Projectile	Each	12,882	N/A	N/A
Explosive	70 mm Projectile	Each	6	N/A	N/A
Explosive	75 mm Projectile	Each	62,587	N/A	N/A
Explosive	105 mm Projectile	Each	34	N/A	N/A
Explosive	8 cm Projectile, Japanese	Each	25	N/A	N/A
Explosive	15 cm Projectile, Japanese	Each	3	N/A	N/A
Explosive	1,400 lb Projectile	Each	144	N/A	N/A
Explosive	1,560 lb Projectile	Each	383	N/A	N/A
Explosive	Grenade, Japanese	Each	80	N/A	N/A
Explosive	50 mm Mortar Grenade, Japanese	Each	1,060	N/A	N/A
Explosive	81 mm Mortar, Japanese	Each	411	N/A	N/A
Explosive	Bangalore Torpedo	Each	4	N/A	N/A
Explosive	Ammunition, Unspecified	N/A	Unknown	N/A	N/A
Explosive	Fuze, Japanese	Each	400	N/A	N/A
Explosive	Mine, AT	Each	23,964	N/A	N/A
Incendiary	Igniter Pull	Each	800	N/A	N/A
Propellant	Propellant case 12 cm Howitzer	Each	10	N/A	N/A

Figure 10-68 U.S. Waters—Pacific, HI-03 (Hawaii) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 11

Depth (feet): Greater than 6,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	20 mm Projectile	Each	18,540	N/A	N/A

Figure 10-69 U.S. Waters—Pacific, HI-04 (Maui) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): 10

Depth (feet): Greater than 5,500

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	3,600	1.04	2
Mustard	105 mm Projectile	Each	801	3.17	1
Mustard Total					3

Figure 10-70 U.S. Waters—Pacific, HI-05 (Oahu Unnamed) Detail of CWC Schedule Disposals

Distance from Shore (nautical miles): Greater than 5
 Depth (feet): Greater than 2,000

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	100 lb Bomb	Each	16,000	74.75	598
Mustard	Stokes Mortar	Each	12	7.5	<1
Mustard Total					598

Figure 10-71 U.S. Waters—Pacific, HI-06 (Ordnance Reef) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 1
 Depth (feet): Greater than 25

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	200	N/A	N/A
Explosive	20 mm Projectile	Each	1,040	N/A	N/A
Explosive	25 mm Projectile	Each	250	N/A	N/A
Explosive	90 mm Mortar	Each	1	N/A	N/A
Explosive	105 mm Projectile	Each	152	N/A	N/A
Explosive	155 mm Projectile	Each	75	N/A	N/A
Explosive	3 to 6 inch Projectiles	Each	77	N/A	N/A
Explosive	5 to 8 inch Projectiles	Each	142	N/A	N/A
Explosive	Ammunition, Mixed	Each	108	N/A	N/A
Explosive	100 lb Bomb, Fragmentation	Each	1	N/A	N/A
Explosive	Depth Charge	Each	1	N/A	N/A
Explosive	Mine, Bottom	Each	1	N/A	N/A
Unknown	Ammunition Box	Each	29	N/A	N/A

Figure 10-72 U.S. Waters—Pacific, Hawaii Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Distance from Shore (nautical miles): Unknown
 Depth (feet): Unknown

CWC Schedule Disposals					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Mustard	75 mm Projectile	Each	23,388	1.35	16
Mustard	155 mm Projectile	Each	243	11.41	1
Mustard	155 mm Projectile	Each	64	11.8	<1
Mustard	100 lb Bomb	Each	6	40.5	<1
Mustard	100 lb Bomb	Each	36	74.75	1
Mustard Total					19

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	15,740,755	N/A	N/A
Explosive	20 mm Projectile	Each	4,845,040	N/A	N/A
Explosive	37 mm Projectile	Each	294	N/A	N/A
Explosive	40 mm Projectile	Each	774	N/A	N/A
Explosive	75 mm Projectile	Each	272,173	N/A	N/A
Explosive	1.1 inch Projectile	Each	268,008	N/A	N/A
Explosive	5 inch Projectile	N/A	Unknown	N/A	N/A

Figure 10-72, cont. U.S. Waters—Pacific, Hawaii Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	6 inch Projectile	Each	3,505	N/A	N/A
Explosive	7 inch Projectile	N/A	Unknown	N/A	N/A
Explosive	8 inch Projectile	Each	59	N/A	N/A
Explosive	8 inch Projectile	Pallet	2	N/A	N/A
Explosive	14 inch Projectile	Each	1,528	N/A	N/A
Explosive	16 inch Projectile	Each	437	N/A	N/A
Explosive	3"/23 Projectile	Each	22,630	N/A	N/A
Explosive	3"/50 Projectile	Each	63,721	N/A	N/A
Explosive	4"/50 Projectile	Each	5,460	N/A	N/A
Explosive	5"/25 Projectile	Each	16,598	N/A	N/A
Explosive	5"/38 Projectile	Each	1,216	N/A	N/A
Explosive	5"/51 Projectile	Each	19,429	N/A	N/A
Explosive	6"/53 Projectile	Each	353	N/A	N/A
Explosive	7"/45 Projectile	Each	4,349	N/A	N/A
Explosive	1 PDR Complete and Sub Assy	Each	31,027	N/A	N/A
Explosive	3PDR Complete and Sub Assy	Each	15,380	N/A	N/A
Explosive	6 PDR Complete and Sub Assy	Each	17,961	N/A	N/A
Explosive	60 mm Mortar	Each	25	N/A	N/A
Explosive	1.25 inch Rocket	Each	175	N/A	N/A
Explosive	2.25 inch Rocket	Each	1,486	N/A	N/A
Explosive	3.0 inch Rocket	Each	116	N/A	N/A
Explosive	3.25 inch Rocket	Each	1,661	N/A	N/A
Explosive	4.5 inch Rocket	Each	47	N/A	N/A
Explosive	7 inch Rocket Body	Each	16	N/A	N/A
Explosive	Rocket	Each	762	N/A	N/A
Explosive	Rocket Motor	Each	641	N/A	N/A
Explosive	Sub-caliber rockets	Each	38	N/A	N/A
Explosive	2 lb Bombs, AA	Each	7,835	N/A	N/A
Explosive	25 lb Bomb, Fragmentation	Each	3	N/A	N/A
Explosive	350 lb Bomb, Depth	Each	19	N/A	N/A
Explosive	500 lb Bomb	Each	42	N/A	N/A
Explosive	2,000 Bomb	Each	135	N/A	N/A
Explosive	Bomb, Unspecified	Each	354	N/A	N/A
Explosive	Bomb, Depth	Each	2,568	N/A	N/A
Explosive	Bomb, Fragmentation	Each	5,049	N/A	N/A
Explosive	420 lb Depth Charge	Each	2,643	N/A	N/A
Explosive	745 lb Depth Charge	Each	4	N/A	N/A
Explosive	Depth Charge	Each	17	N/A	N/A
Explosive	Depth Charge Pistol	Each	5,128	N/A	N/A
Explosive	Aircraft Starter Cartridges	Each	4,815	N/A	N/A
Explosive	Ammunition, Unspecified	Each	215	N/A	N/A
Explosive	Ammunition, Unspecified	Barge load	1	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	40	N/A	N/A
Explosive	Ammunition, Unspecified	Truck Load	36	N/A	N/A

Figure 10-72, cont. U.S. Waters—Pacific, Hawaii Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Cable Cutter Charge	Each	103	N/A	N/A
Explosive	Body & Tail Assembly	Each	721	N/A	N/A
Explosive	Booster	Each	1,914	N/A	N/A
Explosive	Booster Extender	Each	4,987	N/A	N/A
Explosive	Burster Charge	Each	8,518	N/A	N/A
Explosive	Demolition Charge	Each	65	N/A	N/A
Explosive	Demolition Outfit	Each	1	N/A	N/A
Explosive	Detonator	Each	209,899	N/A	N/A
Explosive	Fuze	Each	210,656	N/A	N/A
Explosive	Grenade	Each	695	N/A	N/A
Explosive	Mines with Anchor & Accessories	Each	204	N/A	N/A
Explosive	Primer	Each	873,288	N/A	N/A
Explosive	Projector Charge Bodies	Each	216	N/A	N/A
Explosive	Projector Charge Tail	Each	2	N/A	N/A
Explosive	Wrecking Charges	Each	50	N/A	N/A
Explosive	Saluting Charges	Each	12,147	N/A	N/A
Explosive	Warhead	Each	278	N/A	N/A
Explosive	1/2 lb Demolition Block	Each	203	N/A	N/A
Explosives, Bulk	Saluting Powder	Pound	9,500	N/A	N/A
Explosives, Bulk	Black Powder	Pound	5,838	N/A	N/A
Explosives, Bulk	TNT	Pound	600	N/A	N/A
Incendiary	Incendiary Cluster	Each	247	N/A	N/A
Incendiary	Igniter	Each	20	N/A	N/A
Propellant	Expelling Charge	Each	165	N/A	N/A
Propellant	Propelling Charge	Each	115,550	N/A	N/A
Propellant	Ballistic Propellent Grain	Each	1	N/A	N/A
Pyrotechnic	3"/50 Projectile	Each	52	N/A	N/A
Pyrotechnic	5"/25 Projectile	Each	242	N/A	N/A
Pyrotechnic	5"/51 Projectile	Each	1,090	N/A	N/A
Pyrotechnic	Bomb, Photoflash	Each	2	N/A	N/A
Pyrotechnic	Flare	Each	557	N/A	N/A
Pyrotechnic	Signal	Each	42,225	N/A	N/A
Pyrotechnic	Tracer	Each	37,013	N/A	N/A
Riot Control (CN-DM)	Grenade, Irritant	Each	125	N/A	N/A
Riot Control (CN)	Grenade, Irritant	Each	119	N/A	N/A
Riot Control (NC)	75 mm Projectile	Each	2	N/A	N/A
Smoke (FM)	75 mm Projectile	Each	552	N/A	N/A
Smoke (FM)	155 mm Projectile	Each	35	N/A	N/A
Smoke (FM)	3"/23 Projectile	Each	108	N/A	N/A
Smoke (HC)	3"/50 Projectile	Each	517	N/A	N/A
Smoke (FN)	4"/50 Projectile	Each	3,666	N/A	N/A
Smoke (HC)	4"/50 Projectile	Each	4	N/A	N/A
Smoke (FS)	4.5 inch Rocket	Each	104	N/A	N/A

Figure 10-72, cont. U.S. Waters—Pacific, Hawaii Area Unknown Detail of CWC Schedule Disposals and Other Materials Disposed

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Smoke	Smoke Float	Each	51	N/A	N/A
Smoke	Smoke Pot	Each	11	N/A	N/A
Smoke (HC)	Smoke Pot	Each	46	N/A	N/A
Empty	Mine, Case	Each	2,262	N/A	N/A
Empty	Booster Case	Each	210	N/A	N/A
Inert	Dummy Drill	Each	191	N/A	N/A
Unknown	Junction Block	Each	1	N/A	N/A
Unknown	Tanks, 14-inch	Each	9	N/A	N/A

Figure 10-73 U.S. Waters—Pacific, Guam Area Unknown Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown
 Depth (feet): Unknown

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Small Arms	Small Arms Ammunition	Each	240	N/A	N/A
Explosive	20 mm Projectile	Each	39,612	N/A	N/A
Explosive	3"/50 Projectile	Each	227	N/A	N/A
Explosive	5"/38 Projectile	Each	244	N/A	N/A
Explosive	Bomb, Unspecified	Ton, Short	215	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	238	N/A	N/A
Smoke (HC)	3"/50 Projectile	Each	24	N/A	N/A
Smoke	Smoke Float	Each	15	N/A	N/A
Pyrotechnic	Unknown	N/A	Unknown	N/A	N/A

Figure 10-74 U.S. Waters—Pacific, USP-02 (Unincorporated Territories, Midway Island) Detail of Other Materials Disposed

Distance from Shore (nautical miles): 11
 Depth (feet): Greater than 11,000

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Mine	Each	296	N/A	N/A
Explosive	Aircraft Starter Cartridges	Each	820	N/A	N/A
Incendiary	Bomb	Each	64	N/A	N/A
Pyrotechnic	Flare	Each	20	N/A	N/A
Pyrotechnic	Signal	Each	10,019	N/A	N/A

Figure 10-75 U.S. Waters—Pacific, USP-X01 (Unincorporated Territories, Johnston Island) Detail of Other Materials Disposed

Distance from Shore (nautical miles): Unknown
 Depth (feet): Unknown

Item or Fill	Other Materials Disposed				
	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Incendiary	Bomb, Cluster	Each	3	N/A	N/A
Empty	Debris from Decontaminated M55 Rocket	Each	19	N/A	N/A

This site was reported as JI-X01 in the FY2008 report.

Figure 10-76 U.S. Waters—Pacific, Saipan MP-02 Detail of Other Materials Disposed

Distance from Shore (nautical miles): 8
 Depth (feet): 2,500

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	Ammunition, Unspecified	Ton, Short	1,927	N/A	N/A
Other	Equipment	Ton, Short	915	N/A	N/A

Figure 10-77 U.S. Waters—Pacific, Saipan Area Unknown Detail of Other Materials Disposed

Distance from Shore (nautical miles): 10
 Depth (feet): Greater than 7,000

Other Materials Disposed					
Item or Fill	Munition or Container Type	Unit	Quantity	NCAW Per Unit (lbs)	Total NCAW (tons)
Explosive	25 mm Projectile, Japanese	Each	4,300	N/A	N/A
Explosive	70 mm Projectile, Japanese	Each	25	N/A	N/A
Explosive	75 mm Projectile	Each	5	N/A	N/A
Explosive	88 mm Projectile, Japanese	Each	92	N/A	N/A
Explosive	120 mm Projectile, Japanese	Each	74	N/A	N/A
Explosive	120 and 150 mm Projectile, Japanese	Each	223	N/A	N/A
Explosive	127 mm Projectile, Japanese	Each	147	N/A	N/A
Explosive	150 mm Projectile, Japanese	Each	149	N/A	N/A
Explosive	155 mm Projectile	Ton, short	118	N/A	N/A
Explosive	5 inch Projectile	Each	137	N/A	N/A
Explosive	6 inch Projectile	Each	1	N/A	N/A
Explosive	50 mm Mortar, Japanese	Each	48	N/A	N/A
Explosive	60 mm Mortar	Each	33	N/A	N/A
Explosive	81 mm Mortar, Japanese	Each	142	N/A	N/A
Explosive	20 lb Bomb	Each	2	N/A	N/A
Explosive	250 kg Bomb, Japanese	Each	1	N/A	N/A
Explosive	325 lb Bomb, Depth	Each	1	N/A	N/A
Explosive	Bomb, Unspecified	Ton, Short	900	N/A	N/A
Explosive	Bazooka	Each	6	N/A	N/A
Explosive	Grenade	Each	188	N/A	N/A
Explosive	Mine, Anti-boat, Japanese	Each	94	N/A	N/A
Explosive	Mine, Anti-vehicular, Japanese	Each	68	N/A	N/A
Explosive	Ammunition, Unspecified	Ton, Short	26	N/A	N/A
Pyrotechnic	Unknown	N/A	Unknown	N/A	N/A



A

Reporting Requirements

10 USC §2706. Annual Reports to Congress

(b) Report on Environmental Quality Programs and Other Environmental Activities

Location in the Defense Environmental Programs Annual Report to Congress

- (1) The Secretary of Defense shall submit to Congress each year, not later than 45 days after the date on which the President submits to Congress the budget for a fiscal year, report on the progress made in carrying out activities under the environmental quality programs of the Department of Defense and the military departments.
- (2) Each Report shall include the following:
 - (A) A description of the Environmental Quality Program of the Department of Defense, and of each of the military departments, during the period consisting of the four fiscal years preceding the fiscal year in which the report is submitted, the fiscal year in which the report is submitted, and the fiscal year following the fiscal year in which the report was submitted.
 - (B) For each of the major activities under the environmental quality programs:
 - (i) A specification of the amount expended, or proposed to be expended, in each fiscal year of the period covered by the report.
 - (ii) An explanation for any significant change in the aggregate amount to be expended in the fiscal year in which the report is submitted, and in the following fiscal year, when compared with the fiscal year preceding each fiscal year.
 - (iii) An assessment of the manner in which the scope of the activities have changed over the course of the period covered by the report.
 - (C) A summary of the major achievements of the environmental quality programs and of any major problems with the programs.
 - (D) A summary of fines and penalties imposed or assessed against the Department of Defense and the military departments under Federal, State, or local environmental laws during the fiscal year in which the report is submitted and the four preceding fiscal years, which summary shall include—
 - (i) a trend analysis of such fines and penalties for military installations inside and outside the United States; and
 - (ii) a list of such fines or penalties that exceeded \$1,000,000 and the provisions of law under which such fines or penalties were imposed or assessed.
 - (E) A statement of the amounts expended, and anticipated to be expended, during the period covered by the report for any activities overseas relating to the environment, including amounts for activities relating to environmental remediation, compliance, conservation, pollution prevention, and environmental technology.

- Chapter 1: Defense Environmental Funding
- Chapter 6: Compliance
- Chapter 7: Pollution Prevention
- Chapter 1: Defense Environmental Funding: Environmental Management

- Chapter 3: Natural Resources
- Chapter 4: Cultural Resources
- Chapter 5: Native Americans
- Chapter 6: Compliance: Air Quality
- Chapter 6: Compliance: Uniform National Discharge Standards (UNDS)
- Chapter 7: Pollution Prevention: Solid and Hazardous Waste
- Chapter 7: Pollution Prevention: Green Procurement
- Chapter 7: Pollution Prevention: Toxics Release Inventory
- Chapter 7: Pollution Prevention: Ozone Depleting Substances

- Chapter 6: Compliance: Enforcement Actions

10 USC §2702 (Note). Research, Development and Demonstration Program

Location in the Defense Environmental Programs Annual Report to Congress

In the annual report required under title 10, United States Code §2706 (a), the Secretary shall include the following information with respect to cooperative agreements entered into under this section:

- (1) The number of such partnerships.
- (2) A description of the nature of the technology involved in each such partnership.
- (3) A list of all partners in such partnerships.

Appendix D: Environmental Restoration Narratives
Chapter 8: Restoration: Restoration Partnerships

16 USC §670a. Program for conservation and rehabilitation of natural resources on military installations

Location in the Defense Environmental Programs Annual Report to Congress

- (f) Reviews and Reports
- (1) Secretary of Defense: Not later than March 1 of each year, the Secretary of Defense shall review the extent to which integrated natural resources management plans were prepared or were in effect and implemented in accordance with this subchapter in the preceding year, and submit a report on the findings of the review to the committees. Each report shall include:
 - (A) The number of integrated natural resources management plans in effect in the year covered by the report, including the date on which each plan was issued in final form or most recently revised;
 - (B) The amounts expended on conservation activities conducted pursuant to the plans in each year covered by the report; and
 - (C) An assessment of the extent to which the plans comply with this subchapter.

Chapter 1: Defense Environmental Funding: Natural and Cultural Resources
Chapter 3: Natural Resources

42 USC §6962. Federal Procurement

Location in the Defense Environmental Programs Annual Report to Congress

- (i) Procurement program
- (1) Within one year after the date of publication of applicable guidelines under subsection (e) of this section, each procuring agency shall develop an affirmative procurement program which will assure that items composed of recovered materials will be purchased to the maximum extent practicable and which is consistent with applicable provisions of Federal procurement law.
- (2) Each affirmative procurement program required under this subsection shall, at a minimum, contain:
 - (A) a recovered materials preference program;
 - (B) an agency promotion program to promote the preference program adopted under subparagraph (A);
 - (C) a program for requiring estimates of the total percentage of recovered material utilized in the performance of a contract; certification of minimum recovered material content actually utilized, where appropriate; and reasonable verification procedures for estimates and certifications; and
 - (D) Annual review and monitoring of the effectiveness of an agency's affirmative procurement program.

Chapter 7: Pollution Prevention: Green Procurement

42 USC §9620. Federal Facilities

Location in the Defense Environmental Programs Annual Report to Congress

- (e) Required action by department
- (5) Annual report

Each department, agency, or instrumentality responsible for compliance with this section shall furnish an annual report to Congress concerning its progress in implementing the requirements of this section. Such reports shall include, but not be limited to, the following:

- (A) A report on the progress in reaching interagency agreements under this section.
- (B) The specific cost estimates and budgetary proposals involved in each interagency agreement.
- (C) A brief summary of the public comments regarding each proposed interagency agreement.
- (D) A description of the instances in which no agreement was reached.
- (E) A report on progress in conducting investigations and studies under paragraph (1).
- (F) A report on progress in conducting remedial actions.
- (G) A report on progress in conducting remedial actions at facilities that are not listed on the National Priorities List.

With respect to instances in which no agreement was reached within the required time period, the department, agency, or instrumentality filing the report under this paragraph shall include in such report an explanation of the reasons why no agreement was reached. The annual report required by this paragraph shall also contain a detailed description on a State-by-State basis of the status of each facility subject to this section, including a description of the hazard presented by each facility, plans and schedules for initiating and completing response action, enforcement status (where appropriate), and an explanation of any postponements or failure to complete response action. Such report shall also be submitted to the affected States.

Chapter 8: Restoration: Restoration Partnerships

Appendix C: Installation Restoration Program and Military Munitions Response Program Status Tables

Appendix D: Environmental Restoration Narratives

Chapter 8: Restoration: Restoration Partnerships

42 USC §9621. Cleanup Standards

Location in the Defense Environmental Programs Annual Report to Congress

- (c) Review

If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each 5 years after the initiation of such remedial action to assure that human health and the environment are being protected by the remedial action being implemented.

In addition, if upon such review it is the judgment of the President that action is appropriate at such site in accordance with section 9604 or 9606 of this title, the President shall take or require such action. The President shall report to the Congress a list of facilities for which such review is required, the results of all such reviews, and any actions taken as a result of such reviews.

Appendix D: Environmental Restoration Narratives

Appendix C: Installation Restoration Program and Military Munitions Response Program Status Tables

Executive Order 13423: Strengthening Federal Environmental, Energy, and Transportation Management

Sec. 2. Goals for Agencies

Location in the Defense Environmental Programs Annual Report to Congress

In implementing the policy set forth in section 1 of this order, the head of each agency shall:

- (a) Improve energy efficiency and reduce greenhouse gas emissions of the agency, through reduction of energy intensity by
 - (i) 3 percent annually through the end of fiscal year 2015, or
 - (ii) 30 percent by the end of fiscal year 2015, relative to the baseline of the agency's energy use in fiscal year 2003;
- (b) Ensure that
 - (i) at least half of the statutorily required renewable energy consumed by the agency in a fiscal year comes from new renewable sources, and
 - (ii) to the extent feasible, the agency implements renewable energy generation projects on agency property for agency use;
- (c) Beginning in FY 2008, reduce water consumption intensity, relative to the baseline of the agency's water consumption in fiscal year 2007, through life-cycle cost-effective measures by 2 percent annually through the end of fiscal year 2015 or 16 percent by the end of fiscal year 2015;
- (d) Require in agency acquisitions of goods and services
 - (i) use of sustainable environmental practices, including acquisition of biobased, environmentally preferable, energy-efficient, water-efficient, and recycled-content products, and
 - (ii) use of paper of at least 30 percent post-consumer fiber content;
- (e) Ensure that the agency
 - (i) reduces the quantity of toxic and hazardous chemicals and materials acquired, used, or disposed of by the agency,
 - (ii) increases diversion of solid waste as appropriate, and
 - (iii) maintains costeffective waste prevention and recycling programs in its facilities;
- (f) Ensure that
 - (i) new construction and major renovation of agency buildings comply with the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings set forth in the Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding (2006), and
 - (ii) 15 percent of the existing Federal capital asset building inventory of the agency as of the end of fiscal year 2015 incorporates the sustainable practices in the Guiding Principles;
- (g) Ensure that, if the agency operates a fleet of at least 20 motor vehicles, the agency, relative to agency baselines for fiscal year 2005,
 - (i) reduces the fleet's total consumption of petroleum products by 2 percent annually through the end of fiscal year 2015,
 - (ii) increases the total fuel consumption that is non-petroleum-based by 10 percent annually, and
 - (iii) uses plugin hybrid (PIH) vehicles when PIH vehicles are commercially available at a cost reasonably comparable, on the basis of life-cycle cost, to non-PIH vehicles; and
- (h) Ensure that the agency
 - (i) when acquiring an electronic product to meet its requirements, meets at least 95 percent of those requirements with an Electronic Product Environmental Assessment Tool (EPEAT)-registered electronic product, unless there is no EPEAT standard for such product,
 - (ii) enables the Energy Star feature on agency computers and monitors,
 - (iii) establishes and implements policies to extend the useful life of agency electronic equipment, and
 - (iv) uses environmentally sound practices with respect to disposition of agency electronic equipment that has reached the end of its useful life.

Chapter 7: Pollution Prevention
 Chapter 7: Pollution Prevention: Ozone Depleting Substances

Chapter 7: Pollution Prevention: Green Procurement

Chapter 7: Pollution Prevention: Solid and Hazardous Waste
 Chapter 7: Pollution Prevention: Toxics Release Inventory

Chapter 7: Pollution Prevention: Green Procurement

Executive Order 13423: Strengthening Federal Environmental, Energy, and Transportation Management

Sec. 3. Duties of Heads of Agencies

Location in the Defense Environmental Programs Annual Report to Congress

In implementing the policy set forth in section 1 of this order, the head of each agency shall:

- (b) Implement within the agency environmental management systems (EMS) at all appropriate organizational levels to ensure
 - (i) use of EMS as the primary management approach for addressing environmental aspects of internal agency operations and activities, including environmental aspects of energy and transportation functions,
 - (ii) establishment of agency objectives and targets to ensure implementation of this order, and
 - (iii) collection, analysis, and reporting of information to measure performance in the implementation of this order;
- (c) Establish within the agency programs for
 - (i) environmental management training,
 - (ii) environmental compliance review and audit, and
 - (iii) leadership awards to recognize outstanding environmental, energy, or transportation management performance in the agency;
- (d) Within 30 days after the date of this order
 - (i) designate a senior civilian officer of the United States, compensated annually in an amount at or above the amount payable at level IV of the Executive Schedule, to be responsible for implementation of this order within the agency,
 - (ii) report such designation to the Director of the Office of Management and Budget and the Chairman of the Council on Environmental Quality, and
 - (iii) assign the designated official the authority and duty to (A) monitor and report to the head of the agency on agency activities to carry out subsections (a) and (b) of this section, and (B) perform such other duties relating to the implementation of this order within the agency as the head of the agency deems appropriate;
- (e) Ensure that contracts entered into after the date of this order for contractor operation of government-owned facilities or vehicles require the contractor to comply with the provisions of this order with respect to such facilities or vehicles to the same extent as the agency would be required to comply if the agency operated the facilities or vehicles;
- (f) Ensure that agreements, permits, leases, licenses, or other legally-binding obligations between the agency and a tenant or concessionaire entered into after the date of this order require, to the extent the head of the agency determines appropriate, that the tenant or concessionaire take actions relating to matters within the scope of the contract that facilitate the agency's compliance with this order;
- (g) Provide reports on agency implementation of this order to the Chairman of the Council on such schedule and in such format as the Chairman of the Council may require; and
- (h) Provide information and assistance to the Director of the Office of Management and Budget, the Chairman of the Council, and the Federal Environmental Executive.

Chapter 7: Pollution Prevention
 Chapter 2: Environmental Management Systems

 Chapter 2: Environmental Management Systems

Public Law 107-64, Section 131: Fiscal Year 2002 Military Construction Act	Location in the Defense Environmental Programs Annual Report to Congress
<p>(a) Requests for funds for environmental restoration at BRAC sites in future fiscal years – In the budget justification materials submitted to Congress in support of the Department of Defense budget for any fiscal year after fiscal year 2002, the amount requested for environmental restoration, waste management, and environmental compliance activities in such fiscal year with respect to military installations approved for closure or realignment under the base closure laws shall accurately reflect the anticipated cost of such activities in such fiscal year.</p>	<p>Chapter 1: Defense Environmental Funding Chapter 8: Restoration Chapter 1: Defense Environmental Funding: Restoration Appendix D: Environmental Restoration Narratives Appendix C: Installation Restoration Program and Military Munitions Response Program Status Tables</p>
Public Law 109-364: National Defense Authorization Act for Fiscal Year 2007	Location in the Defense Environmental Programs Annual Report to Congress
<p>Sec. 313. Response plan for remediation of unexploded ordnance, discarded military munitions, and munitions constituents.</p>	
<p>(b) Response Plan Required—</p> <p>(1) IN GENERAL—Not later than March 1, 2007, the Secretary of Defense shall submit to the congressional defense committees a comprehensive plan for addressing the remediation of unexploded ordnance, discarded military munitions, and munitions constituents at current and former defense sites (other than operational ranges).</p> <p>(2) CONTENT—The plan required by paragraph (1) shall include—</p> <p>(A) a schedule, including interim goals, for achieving the goals described in paragraphs (1) through (3) of subsection (a), based upon the Munitions Response Site Prioritization Protocol established by the Department of Defense;</p> <p>(B) such interim goals as the Secretary determines feasible for efficiently achieving the goal required under paragraph (4) of such subsection; and</p> <p>(C) an estimate of the funding required to achieve the goals established pursuant to such subsection and the interim goals established pursuant to subparagraphs (A) and (B).</p> <p>(3) UPDATES—Not later than March 15 of 2008, 2009, and 2010, the Secretary shall submit to the congressional defense committees an update of the plan required under paragraph (1). The Secretary may include the update in the report on environmental restoration activities that is submitted to Congress under section 2706(a) of title 10, United States Code, in the year in which that update is required and may include in the update any adjustment to the remediation goals established under subsection (a) that the Secretary determines necessary to respond to unforeseen circumstances.</p>	<p>Chapter 9: Military Munitions Response Program Comprehensive Plan Update</p>

Public Law 109-364; National Defense Authorization Act for Fiscal Year 2007

Sec. 314. Research on Effects of Ocean Disposal of Munitions

Location in the Defense Environmental Programs Annual Report to Congress

(a) Identification of Disposal Sites—

- (1) HISTORICAL REVIEW—The Secretary of Defense shall conduct a historical review of available records to determine the number, size, and probable locations of sites where the Armed Forces disposed of military munitions in coastal waters. The historical review shall, to the extent possible, identify the types of munitions at individual sites.
- (2) COOPERATION—The Secretary shall request the assistance of the Coast Guard, the National Oceanic and Atmospheric Administration, and other relevant Federal agencies in conducting the review required by this subsection.
- (3) INTERIM REPORTS—The Secretary shall periodically, but no less often than annually, release any new information obtained during the historical review conducted under paragraph (1). The Secretary may withhold from public release the exact nature and locations of munitions the potential unauthorized retrieval of which could pose a significant threat to the national defense or public safety.
- (4) INCLUSION OF INFORMATION IN ANNUAL REPORT ON ENVIRONMENTAL RESTORATION ACTIVITIES—The Secretary shall include the information obtained pursuant to the review conducted under paragraph (1) in the annual report on environmental restoration activities submitted to Congress under section 2706 of title 10, United States Code.
- (5) FINAL REPORT—The Secretary shall complete the historical review required under paragraph (1) and submit a final report on the findings of such review in the annual report on environmental restoration activities submitted to Congress for fiscal year 2009.

Chapter 10: Sea Disposal of Military Munitions



B

DoD Components Backup Data

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Section 1. Defense Environmental Funding

Figure B-1.1 Natural and Cultural Resources Budget Summary (millions of dollars)[†]

Army	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$53.0	\$63.2	\$60.1	\$57.2	\$54.3
Education & Training*	N/A	N/A	\$0.0	\$0.6	\$0.9	\$0.9	\$1.0
Other Recurring	\$10.4	\$12.5	\$16.1	\$78.3	\$67.0	\$61.8	\$57.4
Total	\$10.4	\$12.5	\$69.1	\$142.1	\$128.0	\$119.9	\$112.7
Nonrecurring							
Threatened & Endangered Species	\$2.7	\$3.0	\$3.7	\$10.8	\$20.6	\$18.2	\$16.2
Wetlands	\$1.6	\$1.8	\$2.3	\$2.9	\$3.2	\$2.8	\$2.5
Other Natural Resources	\$35.0	\$41.0	\$45.6	\$9.6	\$12.4	\$10.9	\$9.7
Cultural Resources	\$32.9	\$33.4	\$45.9	\$11.8	\$16.2	\$15.2	\$14.1
Total	\$72.2	\$79.2	\$97.5	\$35.0	\$52.4	\$47.1	\$42.5
Total Recurring	\$10.4	\$12.5	\$69.1	\$142.1	\$128.0	\$119.9	\$112.7
Total Nonrecurring	\$72.2	\$79.2	\$97.5	\$35.0	\$52.4	\$47.1	\$42.5
Total	\$82.6	\$91.7	\$166.6	\$177.1	\$180.4	\$166.9	\$155.2
Navy & Marine Corps							
Recurring							
Manpower*	N/A	N/A	\$7.7	\$11.4	\$10.5	\$10.1	\$10.1
Education & Training*	N/A	N/A	\$0.1	\$0.2	\$0.2	\$0.3	\$0.3
Other Recurring	\$14.9	\$15.6	\$16.8	\$19.7	\$17.6	\$21.2	\$21.8
Total	\$14.9	\$15.6	\$24.7	\$31.3	\$28.3	\$31.5	\$32.2
Nonrecurring							
Threatened & Endangered Species	\$3.6	\$3.5	\$6.5	\$4.8	\$3.7	\$5.7	\$6.0
Wetlands	\$1.2	\$1.4	\$0.6	\$0.5	\$0.7	\$1.5	\$1.6
Other Natural Resources	\$5.1	\$4.8	\$3.5	\$4.5	\$4.3	\$4.9	\$5.5
Cultural Resources	\$4.8	\$3.9	\$4.7	\$9.3	\$7.3	\$7.1	\$7.1
Total	\$14.6	\$13.5	\$15.2	\$19.1	\$16.0	\$19.2	\$20.1
Total Recurring	\$14.9	\$15.6	\$24.7	\$31.3	\$28.3	\$31.5	\$32.2
Total Nonrecurring	\$14.6	\$13.5	\$15.2	\$19.1	\$16.0	\$19.2	\$20.1
Total	\$29.5	\$29.1	\$39.9	\$50.3	\$44.3	\$50.7	\$52.3

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.1, cont. Natural and Cultural Resources Budget Summary (millions of dollars)[†]

Air Force	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$15.0	\$17.3	\$17.4	\$16.4	\$18.6
Education & Training*	N/A	N/A	\$1.1	\$0.8	\$0.8	\$0.8	\$0.8
Other Recurring	\$28.8	\$21.4	\$18.4	\$26.2	\$22.2	\$19.1	\$25.8
Total	\$28.8	\$21.4	\$34.6	\$44.3	\$40.3	\$36.2	\$45.2
Nonrecurring							
Threatened & Endangered Species	\$1.4	\$0.5	\$0.6	\$0.5	\$1.5	\$0.2	\$0.9
Wetlands	\$1.8	\$0.3	\$1.8	\$3.7	\$1.9	\$0.4	\$1.3
Other Natural Resources	\$8.7	\$5.9	\$7.1	\$8.3	\$9.4	\$3.6	\$6.7
Cultural Resources	\$13.5	\$9.2	\$4.9	\$16.9	\$14.8	\$5.8	\$10.0
Total	\$25.4	\$16.0	\$14.3	\$29.4	\$27.6	\$9.9	\$18.9
Total Recurring	\$28.8	\$21.4	\$34.6	\$44.3	\$40.3	\$36.2	\$45.2
Total Nonrecurring	\$25.4	\$16.0	\$14.3	\$29.4	\$27.6	\$9.9	\$18.9
Total	\$54.1	\$37.3	\$48.9	\$73.7	\$67.9	\$46.1	\$64.0
DLA							
Recurring							
Manpower*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.1	\$0.1
Total	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.1	\$0.1
Nonrecurring							
Threatened & Endangered Species	\$0.2	\$0.1	\$0.2	\$0.4	\$0.3	\$0.2	\$0.3
Wetlands	\$0.0	\$0.0	\$0.0	\$0.5	\$0.1	< \$0.05	< \$0.05
Other Natural Resources	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.2
Cultural Resources	\$0.1	\$0.1	\$0.1	\$0.1	\$0.4	< \$0.05	\$0.1
Total	\$0.4	\$0.3	\$0.4	\$1.2	\$0.8	\$0.4	\$0.5
Total Recurring	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.1	\$0.1
Total Nonrecurring	\$0.4	\$0.3	\$0.4	\$1.2	\$0.8	\$0.4	\$0.5
Total	\$0.4	\$0.3	\$0.5	\$1.2	\$0.8	\$0.5	\$0.6

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.1, cont. Natural and Cultural Resources Budget Summary (millions of dollars)[†]

Other Defense-wide)	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$0.2	\$0.2	\$0.3	\$0.2	\$0.6	\$0.3	\$0.3
Total	\$0.2	\$0.2	\$0.3	\$0.2	\$0.6	\$0.3	\$0.3
Nonrecurring							
Threatened & Endangered Species	\$0.1	\$0.2	< \$0.05	< \$0.05	< \$0.05	< \$0.05	< \$0.05
Wetlands	\$0.1	\$0.1	< \$0.05	\$0.1	< \$0.05	\$0.1	\$0.1
Other Natural Resources	\$18.9	\$42.8	\$40.9	\$48.1	\$53.7	\$55.7	\$45.3
Cultural Resources	\$2.0	\$2.1	\$2.5	\$2.1	\$2.1	\$2.1	\$2.2
Total	\$21.1	\$45.4	\$43.4	\$50.3	\$55.9	\$57.9	\$47.6
Total Recurring	\$0.2	\$0.2	\$0.3	\$0.2	\$0.6	\$0.3	\$0.3
Total Nonrecurring	\$21.1	\$45.4	\$43.4	\$50.3	\$55.9	\$57.9	\$47.6
Total	\$21.3	\$45.5	\$43.7	\$50.5	\$56.5	\$58.2	\$47.9

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.2 Compliance Budget Summary (millions of dollars)[†]

Army	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	\$239.6	\$224.4	\$177.4	\$150.3	\$159.2	\$183.7	\$177.5
Education & Training*	\$11.8	\$11.6	\$11.1	\$15.5	\$14.1	\$17.9	\$17.4
Permits & Fees	\$10.1	\$7.9	\$8.3	\$20.5	\$11.5	\$13.6	\$13.0
Sampling, Analysis, Monitoring	\$17.0	\$14.5	\$15.0	\$13.4	\$14.2	\$16.3	\$15.7
Waste Disposal	\$25.6	\$16.9	\$17.6	\$32.1	\$30.0	\$35.7	\$34.1
Other Recurring	\$37.8	\$27.9	\$24.8	\$115.8	\$94.6	\$117.9	\$115.7
Total	\$341.8	\$303.2	\$254.2	\$347.6	\$323.6	\$385.1	\$373.3
Nonrecurring							
Hazardous Waste	\$30.9	\$26.0	\$26.8	\$2.7	\$5.9	\$6.6	\$6.3
Solid Waste	\$9.0	\$7.1	\$7.5	\$1.6	\$1.3	\$1.7	\$1.7
Underground Storage Tanks	\$12.6	\$10.5	\$11.0	\$9.4	\$1.5	\$1.5	\$1.4
Clean Air Act	\$7.9	\$7.3	\$7.7	\$2.3	\$2.8	\$3.2	\$3.0
Clean Water Act	\$39.6	\$37.7	\$65.2	\$10.0	\$6.2	\$7.1	\$6.7
Planning	\$22.4	\$19.2	\$19.4	\$9.3	\$3.6	\$4.3	\$4.3
Safe Drinking Water Act	\$21.2	\$18.1	\$17.5	\$1.2	\$1.8	\$2.1	\$2.0
Other Nonrecurring	\$116.6	\$111.8	\$84.7	\$91.4	\$62.7	\$72.4	\$68.7
Total	\$260.1	\$237.6	\$239.8	\$127.9	\$85.8	\$98.9	\$94.1
Total Recurring	\$341.8	\$303.2	\$254.2	\$347.6	\$323.6	\$385.1	\$373.3
Total Nonrecurring	\$260.1	\$237.6	\$239.8	\$127.9	\$85.8	\$98.9	\$94.1
Total	\$602.0	\$540.8	\$494.0	\$475.4	\$409.4	\$484.1	\$467.4

* Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

† Subtotals may not equal totals due to rounding.

Figure B-1.2, cont. Compliance Budget Summary (millions of dollars)[†]

Navy & Marine Corps	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	\$148.0	\$147.0	\$125.8	\$141.7	\$158.1	\$153.1	\$158.7
Education & Training*	\$7.0	\$5.3	\$4.9	\$6.7	\$5.0	\$5.5	\$5.8
Permits & Fees	\$4.2	\$5.6	\$5.1	\$5.1	\$5.5	\$5.3	\$5.7
Sampling, Analysis, Monitoring	\$14.9	\$18.6	\$17.3	\$31.1	\$18.2	\$18.4	\$19.7
Waste Disposal	\$47.2	\$46.4	\$50.0	\$47.2	\$47.6	\$51.8	\$53.3
Other Recurring	\$115.0	\$98.6	\$102.2	\$99.3	\$98.6	\$85.3	\$100.5
Total	\$336.3	\$321.6	\$305.3	\$331.1	\$333.0	\$319.4	\$343.6
Nonrecurring							
Hazardous Waste	\$9.2	\$6.7	\$12.9	\$17.2	\$18.0	\$15.7	\$16.2
Solid Waste	\$6.2	\$5.2	\$2.3	\$43.4	\$12.1	\$8.3	\$4.1
Underground Storage Tanks	\$5.6	\$4.1	\$4.0	\$4.6	\$5.0	\$4.9	\$5.3
Clean Air Act	\$38.0	\$31.0	\$28.4	\$24.0	\$27.1	\$30.7	\$31.7
Clean Water Act	\$117.6	\$89.1	\$72.2	\$34.3	\$51.0	\$30.5	\$33.3
Planning	\$3.1	\$5.9	\$6.7	\$5.7	\$32.4	\$22.0	\$21.7
Safe Drinking Water Act	\$6.9	\$2.5	\$5.3	\$9.7	\$61.0	\$8.1	\$8.8
Other Nonrecurring	\$30.8	\$29.3	\$39.9	\$33.0	\$39.8	\$23.6	\$20.3
Total	\$217.4	\$173.8	\$171.6	\$171.9	\$246.3	\$143.9	\$141.4
Total Recurring	\$336.3	\$321.6	\$305.3	\$331.1	\$333.0	\$319.4	\$343.6
Total Nonrecurring	\$217.4	\$173.8	\$171.6	\$171.9	\$246.3	\$143.9	\$141.4
Total	\$553.7	\$495.4	\$476.9	\$503.0	\$579.3	\$463.3	\$485.0

* Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

† Subtotals may not equal totals due to rounding.

Figure B-1.2, cont. Compliance Budget Summary (millions of dollars)[†]

Air Force	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	\$121.0	\$132.1	\$88.1	\$89.7	\$91.1	\$112.8	\$124.4
Education & Training*	\$6.4	\$6.9	\$4.1	\$4.0	\$4.1	\$4.2	\$4.7
Permits & Fees	\$5.9	\$5.9	\$6.2	\$6.2	\$6.3	\$6.5	\$7.2
Sampling, Analysis, Monitoring	\$19.9	\$19.2	\$20.1	\$19.7	\$20.5	\$20.9	\$22.6
Waste Disposal	\$13.9	\$12.6	\$14.0	\$13.9	\$14.1	\$14.5	\$15.9
Other Recurring	\$72.8	\$72.4	\$76.2	\$61.1	\$64.2	\$72.1	\$68.4
Total	\$240.0	\$249.1	\$208.7	\$194.5	\$200.4	\$231.1	\$243.2
Nonrecurring							
Hazardous Waste	\$20.4	\$22.2	\$20.1	\$24.3	\$23.9	\$28.4	\$28.6
Solid Waste	\$3.1	\$2.6	\$2.0	\$3.2	\$2.1	\$1.9	\$2.2
Underground Storage Tanks	\$8.7	\$7.9	\$7.3	\$9.0	\$9.8	\$11.0	\$10.9
Clean Air Act	\$11.8	\$10.0	\$10.1	\$13.2	\$10.1	\$12.4	\$17.5
Clean Water Act	\$33.6	\$25.6	\$25.0	\$24.1	\$19.1	\$38.7	\$46.4
Planning	\$12.6	\$11.3	\$10.6	\$16.5	\$14.7	\$13.6	\$18.5
Safe Drinking Water Act	\$8.5	\$7.7	\$5.4	\$8.9	\$5.3	\$5.6	\$6.0
Other Nonrecurring	\$20.5	\$20.3	\$13.8	\$19.1	\$26.2	\$23.4	\$27.3
Total	\$119.3	\$107.6	\$94.3	\$118.3	\$111.3	\$135.0	\$157.4
Total Recurring	\$240.0	\$249.1	\$208.7	\$194.5	\$200.4	\$231.1	\$243.2
Total Nonrecurring	\$119.3	\$107.6	\$94.3	\$118.3	\$111.3	\$135.0	\$157.4
Total	\$359.3	\$356.8	\$303.0	\$312.8	\$311.7	\$366.0	\$400.6

* Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

† Subtotals may not equal totals due to rounding.

Figure B-1.2, cont. Compliance Budget Summary (millions of dollars)[†]

DLA	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	\$22.1	\$23.4	\$20.7	\$21.5	\$20.2	\$24.4	\$25.3
Education & Training*	\$0.9	\$0.6	\$1.1	\$0.9	\$0.8	\$0.8	\$0.8
Permits & Fees	\$0.7	\$2.4	\$1.1	\$2.5	\$2.9	\$3.1	\$3.1
Sampling, Analysis, Monitoring	\$4.1	\$3.4	\$4.2	\$2.6	\$2.7	\$2.7	\$2.8
Waste Disposal	\$4.5	\$5.2	\$5.3	\$4.4	\$5.0	\$5.1	\$5.2
Other Recurring	\$9.7	\$9.9	\$10.8	\$13.2	\$11.9	\$15.2	\$15.4
Total	\$42.1	\$45.0	\$43.2	\$45.2	\$43.5	\$51.3	\$52.6
Nonrecurring							
Hazardous Waste	\$0.7	\$0.2	\$1.4	\$0.0	\$0.1	< \$0.05	< \$0.05
Solid Waste	\$0.1	\$0.0	< \$0.05	\$0.0	\$0.0	< \$0.05	< \$0.05
Underground Storage Tanks	< \$0.05	\$0.9	\$1.8	\$2.3	\$2.4	\$3.4	\$3.1
Clean Air Act	\$0.2	\$0.2	\$0.5	< \$0.05	\$0.2	\$0.2	\$0.2
Clean Water Act	\$41.2	\$28.5	\$46.5	\$68.9	\$72.1	\$127.0	\$72.2
Planning	\$0.7	\$1.0	\$1.0	\$2.5	\$2.2	\$3.8	\$3.1
Safe Drinking Water Act	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3	\$0.3
Other Nonrecurring	\$31.1	\$16.2	\$4.4	\$29.8	\$32.6	\$29.4	\$31.4
Total	\$73.9	\$46.9	\$55.5	\$103.6	\$109.6	\$164.0	\$110.2
Total Recurring	\$42.1	\$45.0	\$43.2	\$45.2	\$43.5	\$51.3	\$52.6
Total Nonrecurring	\$73.9	\$46.9	\$55.5	\$103.6	\$109.6	\$164.0	\$110.2
Total	\$116.0	\$91.9	\$98.8	\$148.7	\$153.1	\$215.4	\$162.8

* Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

† Subtotals may not equal totals due to rounding.

Figure B-1.2, cont. Compliance Budget Summary (millions of dollars)[†]

Other Defense-wide	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	\$16.7	\$15.9	\$20.8	\$19.6	\$19.5	\$17.2	\$17.5
Education & Training*	\$0.4	\$2.6	\$0.3	\$0.6	\$1.3	\$0.9	\$1.3
Permits & Fees	\$1.0	\$0.7	\$0.4	\$0.3	\$0.4	\$0.4	\$0.4
Sampling, Analysis, Monitoring	\$2.9	\$2.7	\$2.3	\$0.7	\$1.0	\$2.2	\$4.2
Waste Disposal	\$6.4	\$7.1	\$5.3	\$7.1	\$7.8	\$7.5	\$7.7
Other Recurring	\$1.5	\$3.4	\$1.9	\$3.5	\$5.8	\$3.7	\$4.6
Total	\$28.9	\$32.3	\$31.0	\$31.9	\$35.7	\$32.0	\$35.8
Nonrecurring							
Hazardous Waste	\$3.9	\$4.9	\$3.6	\$1.7	\$2.2	\$2.1	\$2.1
Solid Waste	< \$0.05	\$0.5	\$0.3	\$0.2	\$0.3	\$0.3	\$0.3
Underground Storage Tanks	\$2.3	\$1.3	\$0.4	\$0.5	\$0.7	\$0.8	\$0.8
Clean Air Act	\$1.5	\$1.4	\$0.8	\$1.2	\$0.7	\$0.7	\$0.7
Clean Water Act	\$1.4	\$0.9	\$2.2	\$0.4	\$2.5	\$5.3	\$5.4
Planning	\$2.6	\$3.3	\$4.6	\$4.2	\$3.9	\$9.3	\$4.9
Safe Drinking Water Act	\$0.1	\$0.0	\$0.8	\$0.5	\$0.4	\$0.4	\$0.5
Other Nonrecurring	\$13.3	\$13.2	\$14.5	\$13.7	\$13.2	\$15.8	\$4.0
Total	\$25.0	\$25.4	\$27.1	\$22.4	\$23.9	\$34.7	\$18.7
Total Recurring	\$28.9	\$32.3	\$31.0	\$31.9	\$35.7	\$32.0	\$35.8
Total Nonrecurring	\$25.0	\$25.4	\$27.1	\$22.4	\$23.9	\$34.7	\$18.7
Total	\$53.9	\$57.7	\$58.1	\$54.2	\$59.7	\$66.7	\$54.5

* Beginning in FY2007, DoD reported Manpower and Education & Training funds under the appropriate program areas.

† Subtotals may not equal totals due to rounding.

Figure B-1.3 Pollution Prevention Budget Summary (millions of dollars)[†]

Army	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$12.4	\$9.0	\$8.2	\$5.8	\$8.5
Education & Training*	N/A	N/A	\$0.0	< \$0.05	\$0.3	\$0.2	\$0.3
Other Recurring	\$11.8	\$8.5	\$9.1	\$10.6	\$8.3	\$4.5	\$8.0
Total	\$11.8	\$8.5	\$21.5	\$19.6	\$16.8	\$10.4	\$16.8
Nonrecurring							
Hazardous Waste	\$1.0	\$0.9	\$0.9	\$1.0	\$0.4	\$0.3	\$0.5
Solid Waste	\$1.0	\$1.0	\$1.0	\$0.5	\$0.4	\$0.2	\$0.4
Clean Air Act	\$0.2	\$0.1	\$0.1	\$0.1	< \$0.05	< \$0.05	< \$0.05
Clean Water Act	\$0.7	\$0.6	\$0.5	\$0.3	< \$0.05	< \$0.05	< \$0.05
Hazardous Materials	\$2.5	\$2.3	\$2.5	\$6.3	\$4.9	\$4.5	\$4.9
Other Nonrecurring	\$2.6	\$4.2	\$4.3	\$0.8	\$0.6	\$0.7	\$0.6
Total	\$8.0	\$9.2	\$9.3	\$9.0	\$6.4	\$5.8	\$6.4
Total Recurring	\$11.8	\$8.5	\$21.5	\$19.6	\$16.8	\$10.4	\$16.8
Total Nonrecurring	\$8.0	\$9.2	\$9.3	\$9.0	\$6.4	\$5.8	\$6.4
Total	\$19.8	\$17.7	\$30.7	\$28.7	\$23.2	\$16.2	\$23.2

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.3, cont. Pollution Prevention Budget Summary (millions of dollars)[†]

Navy & Marine Corps	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$4.9	\$6.7	\$5.8	\$6.4	\$6.4
Education & Training*	N/A	N/A	\$0.1	\$0.2	\$0.2	\$0.2	\$0.2
Other Recurring	\$9.6	\$21.1	\$15.2	\$14.0	\$16.5	\$16.4	\$17.0
Total	\$9.6	\$21.1	\$20.2	\$20.8	\$22.5	\$22.9	\$23.6
Nonrecurring							
Hazardous Waste	\$0.8	\$1.9	\$1.9	\$0.9	\$1.1	\$1.0	\$1.1
Solid Waste	\$1.5	\$2.3	\$0.5	\$0.2	\$0.2	\$0.5	\$0.5
Clean Air Act	\$1.3	\$1.6	\$0.7	< \$0.05	\$1.7	\$1.3	\$0.2
Clean Water Act	\$2.5	\$4.4	\$3.5	\$2.6	\$4.7	\$4.5	\$5.3
Hazardous Materials	\$15.3	\$3.9	\$2.2	\$0.4	\$0.6	\$0.6	\$0.6
Other Nonrecurring	\$3.2	\$8.0	\$4.2	\$5.2	\$5.6	\$6.4	\$6.2
Total	\$24.6	\$22.1	\$13.1	\$9.3	\$13.9	\$14.3	\$13.8
Total Recurring	\$9.6	\$21.1	\$20.2	\$20.8	\$22.5	\$22.9	\$23.6
Total Nonrecurring	\$24.6	\$22.1	\$13.1	\$9.3	\$13.9	\$14.3	\$13.8
Total	\$34.2	\$43.2	\$33.2	\$30.2	\$36.4	\$37.2	\$37.4

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.3, cont. Pollution Prevention Budget Summary (millions of dollars)[†]

Air Force	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$12.0	\$10.7	\$10.0	\$11.3	\$12.5
Education & Training*	N/A	N/A	\$1.7	\$2.0	\$1.9	\$0.9	\$1.4
Other Recurring	\$18.7	\$24.1	\$21.8	\$22.5	\$22.9	\$13.8	\$14.6
Total	\$18.7	\$24.1	\$35.5	\$35.2	\$34.8	\$26.0	\$28.5
Nonrecurring							
Hazardous Waste	\$2.9	\$4.8	\$2.8	\$4.0	\$2.3	\$2.7	\$3.9
Solid Waste	\$2.4	\$2.2	\$0.9	\$1.6	\$1.1	\$0.7	\$1.4
Clean Air Act	\$5.3	\$4.3	\$2.4	\$3.3	\$1.5	\$1.5	\$2.4
Clean Water Act	\$13.2	\$12.7	\$5.9	\$9.6	\$6.1	\$3.3	\$6.1
Hazardous Materials	\$0.8	\$1.6	\$1.1	\$1.3	\$1.3	\$1.0	\$1.7
Other Nonrecurring	\$12.3	\$7.9	\$3.4	\$4.5	\$3.3	\$2.4	\$4.1
Total	\$36.9	\$33.6	\$16.6	\$24.2	\$15.6	\$11.6	\$19.5
Total Recurring	\$18.7	\$24.1	\$35.5	\$35.2	\$34.8	\$26.0	\$28.5
Total Nonrecurring	\$36.9	\$33.6	\$16.6	\$24.2	\$15.6	\$11.6	\$19.5
Total	\$55.6	\$57.7	\$52.1	\$59.4	\$50.5	\$37.6	\$48.0
DLA							
Recurring							
Manpower*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	< \$0.05	\$0.0	\$1.0	\$0.4	\$0.4	\$0.7	\$0.7
Total	< \$0.05	\$0.0	\$1.0	\$0.4	\$0.4	\$0.7	\$0.7
Nonrecurring							
Hazardous Waste	\$0.0	\$0.0	\$0.0	< \$0.05	\$0.0	< \$0.05	< \$0.05
Solid Waste	\$0.0	\$0.0	\$0.2	\$0.2	< \$0.05	\$0.1	\$0.1
Clean Air Act	\$0.0	\$0.0	< \$0.05	\$0.0	< \$0.05	\$0.1	\$0.2
Clean Water Act	< \$0.05	\$0.1	\$1.7	\$0.1	\$0.0	< \$0.05	\$0.1
Hazardous Materials	\$9.7	\$4.4	\$4.4	\$0.0	\$0.1	\$0.1	\$0.1
Other Nonrecurring	\$0.0	\$0.0	\$4.5	\$0.3	\$0.1	\$0.6	\$0.1
Total	\$9.7	\$4.5	\$10.8	\$0.5	\$0.2	\$1.0	\$0.7
Total Recurring	< \$0.05	\$0.0	\$1.0	\$0.4	\$0.4	\$0.7	\$0.7
Total Nonrecurring	\$9.7	\$4.5	\$10.8	\$0.5	\$0.2	\$1.0	\$0.7
Total	\$9.7	\$4.5	\$11.8	\$0.9	\$0.6	\$1.7	\$1.4

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.3, cont. Pollution Prevention Budget Summary (millions of dollars)[†]

Other Defense-wide	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Recurring							
Manpower*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training*	N/A	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$1.8	\$1.7	\$1.5	\$1.9	\$1.6	\$1.7	\$1.7
Total	\$1.8	\$1.7	\$1.5	\$1.9	\$1.6	\$1.7	\$1.7
Nonrecurring							
Hazardous Waste	\$2.3	\$0.2	\$0.2	\$0.1	\$0.1	\$1.2	\$1.3
Solid Waste	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.2	\$0.2
Clean Air Act	\$0.4	\$0.1	\$0.1	< \$0.05	< \$0.05	\$0.3	\$0.3
Clean Water Act	\$0.2	< \$0.05	< \$0.05	< \$0.05	< \$0.05	\$0.8	\$0.8
Hazardous Materials	\$0.2	\$0.1	\$0.3	\$0.0	\$0.0	\$0.6	\$0.6
Other Nonrecurring	\$0.2	\$0.1	\$0.1	< \$0.05	\$1.9	\$1.8	\$1.9
Total	\$3.5	\$0.5	\$0.7	\$0.2	\$2.1	\$4.9	\$5.0
Total Recurring	\$1.8	\$1.7	\$1.5	\$1.9	\$1.6	\$1.7	\$1.7
Total Nonrecurring	\$3.5	\$0.5	\$0.7	\$0.2	\$2.1	\$4.9	\$5.0
Total	\$5.3	\$2.1	\$2.3	\$2.2	\$3.7	\$6.6	\$6.7

* Prior to FY2007, DoD reported all Manpower and Education & Training funds under the Compliance Program.

† Subtotals may not equal totals due to rounding.

Figure B-1.4 Restoration Budget Summary (millions of dollars)*

Army	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
ER							
Management	\$53.5	\$53.8	\$56.4	\$65.5	\$58.1	\$116.7	\$220.8
Investigation	\$57.1	\$47.5	\$61.0	\$52.0	\$83.1	\$134.0	\$35.1
Cleanup	\$273.8	\$242.6	\$236.3	\$253.6	\$216.0	\$129.2	\$151.4
Long-term Management	\$16.9	\$51.3	\$49.2	\$66.3	\$44.6	\$42.9	\$37.2
Total	\$401.3	\$395.3	\$402.8	\$437.4	\$401.8	\$422.8	\$444.6
IRP	\$391.3	\$378.8	\$372.9	\$396.2	\$337.3	\$296.2	\$352.1
MMRP	\$9.9	\$16.4	\$29.9	\$41.2	\$64.6	\$126.7	\$92.5
Total	\$401.3	\$395.3	\$402.8	\$437.4	\$401.8	\$422.8	\$444.6
BRAC							
Management	\$16.1	\$11.0	\$15.4	\$15.2	\$24.5	\$22.2	\$11.9
Investigation	\$14.3	\$10.6	\$96.2	\$13.8	\$42.7	\$19.3	\$11.0
Cleanup	\$44.9	\$58.9	\$10.2	\$56.6	\$35.0	\$132.0	\$42.4
Long-term Management	\$14.9	\$10.8	\$2.8	\$6.3	\$3.7	\$29.6	\$6.9
Planning, Compliance, and Other†	\$4.0	\$54.2	\$11.1	\$22.8	\$21.1	\$91.0	\$69.8
Total	\$95.1	\$145.6	\$135.7	\$114.7	\$127.1	\$294.1	\$141.9
IRP	\$72.6	\$65.8	\$70.6	\$58.1	\$51.4	\$104.9	\$47.8
MMRP	\$17.5	\$25.5	\$54.0	\$33.8	\$54.5	\$98.2	\$24.3
Planning, Compliance, and Other†	\$4.0	\$54.2	\$11.1	\$22.8	\$21.1	\$91.0	\$69.8
Total	\$95.1	\$145.6	\$135.7	\$114.7	\$127.1	\$294.1	\$141.9

* Subtotals may not equal totals due to rounding.

† Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

Figure B-1.4, cont. Restoration Budget Summary (millions of dollars)*

Navy & Marine Corps	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
ER							
Management	\$32.3	\$49.0	\$48.8	\$48.3	\$52.6	\$59.2	\$57.3
Investigation	\$82.0	\$72.7	\$63.3	\$62.9	\$71.7	\$53.7	\$56.2
Cleanup	\$133.9	\$161.7	\$177.5	\$173.3	\$155.0	\$154.1	\$174.2
Long-term Management	\$6.7	\$12.5	\$12.1	\$28.4	\$15.6	\$18.5	\$17.2
Total	\$265.9	\$295.9	\$301.7	\$313.0	\$294.9	\$285.5	\$304.9
IRP	\$249.5	\$253.3	\$252.9	\$261.2	\$245.5	\$247.5	\$249.5
MMRP	\$16.4	\$42.6	\$48.8	\$51.7	\$49.4	\$38.0	\$55.3
Total	\$265.9	\$295.9	\$301.7	\$313.0	\$294.9	\$285.5	\$304.9
BRAC							
Management	\$25.5	\$30.2	\$23.8	\$28.2	\$13.8	\$22.3	\$19.2
Investigation	\$33.4	\$40.1	\$26.5	\$34.5	\$29.5	\$23.0	\$10.1
Cleanup	\$29.3	\$176.2	\$113.1	\$241.2	\$193.1	\$174.6	\$130.9
Long-term Management	\$14.3	\$10.0	\$31.4	\$5.7	\$5.5	\$7.7	\$3.6
Planning, Compliance, and Other†	-\$102.5	\$23.1	\$46.6	-\$30.8	\$11.2	\$7.6	\$4.3
Total	\$0.0	\$279.5	\$241.4	\$278.7	\$253.1	\$235.2	\$168.0
IRP	\$98.0	\$249.7	\$187.2	\$284.3	\$221.8	\$204.7	\$132.1
MMRP	\$4.6	\$6.8	\$7.6	\$25.2	\$20.0	\$23.0	\$31.6
Planning, Compliance, and Other†	-\$102.5	\$23.1	\$46.6	-\$30.8	\$11.2	\$7.6	\$4.3
Total	\$0.0	\$279.5	\$241.4	\$278.7	\$253.1	\$235.2	\$168.0

* Subtotals may not equal totals due to rounding.

† Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

Figure B-1.4, cont. Restoration Budget Summary (millions of dollars)*

Air Force	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
ER							
Management	\$48.1	\$41.9	\$39.4	\$45.0	\$49.2	\$49.5	\$48.0
Investigation	\$94.5	\$104.9	\$84.2	\$81.9	\$127.4	\$150.1	\$77.3
Cleanup†	\$239.3	\$244.0	\$261.6	\$307.8	\$299.4	\$270.9	\$355.2
Long-term Management	\$14.6	\$10.3	\$16.3	\$21.4	\$19.2	\$23.1	\$22.1
Total	\$396.5	\$401.1	\$401.5	\$456.2	\$495.3	\$493.7	\$502.7
IRP	\$373.7	\$387.9	\$382.9	\$414.9	\$387.8	\$382.8	\$431.9
MMRP	\$22.8	\$13.1	\$18.6	\$41.3	\$107.4	\$110.9	\$70.7
Total	\$396.5	\$401.1	\$401.5	\$456.2	\$495.3	\$493.7	\$502.7
BRAC							
Management	\$20.3	\$29.0	\$22.5	\$27.3	\$18.3	\$29.9	\$21.9
Investigation	\$25.6	\$13.5	\$10.5	\$12.6	\$22.1	\$13.5	\$3.5
Cleanup	\$69.4	\$62.6	\$70.0	\$73.2	\$65.7	\$71.5	\$86.0
Long-term Management	\$5.3	\$4.9	\$5.0	\$7.1	\$7.6	\$8.0	\$17.5
Planning, Compliance, and Other†	\$28.1	\$33.2	\$10.4	\$17.6	\$35.8	\$18.5	\$5.9
Total	\$148.8	\$143.2	\$118.5	\$137.7	\$149.4	\$141.5	\$134.9
IRP	\$120.7	\$110.0	\$107.9	\$118.3	\$112.3	\$122.9	\$126.5
MMRP	\$0.0	\$0.0	\$0.2	\$1.8	\$1.4	\$0.1	\$2.4
Planning, Compliance, and Other†	\$28.1	\$33.2	\$10.4	\$17.6	\$35.8	\$18.5	\$5.9
Total	\$148.8	\$143.2	\$118.5	\$137.7	\$149.4	\$141.5	\$134.9

* Subtotals may not equal totals due to rounding.

† Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

‡ Includes building demolition/debris removal costs.

Figure B-1.4, cont. Restoration Budget Summary (millions of dollars)*

DLA	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
ER							
Management	\$3.6	\$3.8	\$2.2	\$2.2	\$2.0	\$1.7	\$1.6
Investigation	\$2.5	\$5.0	\$1.2	\$1.2	\$0.9	\$0.4	\$0.0
Cleanup	\$9.3	\$9.7	\$7.5	\$7.7	\$4.5	\$5.7	\$5.6
Long-term Management	\$0.0	\$0.0	\$0.2	\$0.3	\$0.5	\$0.2	\$0.2
Total	\$15.4	\$18.5	\$11.0	\$11.3	\$7.9	\$8.0	\$7.5
IRP	\$15.4	\$18.5	\$11.0	\$11.3	\$7.9	\$8.0	\$7.5
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$15.4	\$18.5	\$11.0	\$11.3	\$7.9	\$8.0	\$7.5
BRAC							
Management	\$1.2	\$0.8	\$1.0	\$2.1	\$1.1	\$0.7	\$0.0
Investigation	\$0.0	\$0.0	\$0.4	\$0.3	\$0.4	\$0.0	\$0.0
Cleanup	\$5.2	\$4.2	\$4.6	\$1.2	\$3.1	\$3.3	\$0.0
Long-term Management	\$0.1	\$0.1	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0
Planning, Compliance, and Other†	\$0.0	\$0.0	\$0.3	\$0.0	-\$2.1	-\$1.3	\$0.0
Total	\$6.5	\$5.0	\$6.2	\$3.6	\$2.6	\$2.7	\$0.0
IRP	\$6.5	\$5.0	\$6.0	\$3.6	\$4.7	\$4.0	\$0.0
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Planning, Compliance, and Other†	\$0.0	\$0.0	\$0.3	\$0.0	-\$2.1	-\$1.3	\$0.0
Total	\$6.5	\$5.0	\$6.2	\$3.6	\$2.6	\$2.7	\$0.0

* Subtotals may not equal totals due to rounding.

† Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

Figure B-1.4, cont. Restoration Budget Summary (millions of dollars)*

FUDS	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
ER							
Management	\$38.3	\$34.9	\$36.1	\$37.3	\$30.5	\$37.8	\$30.9
Investigation	\$99.7	\$109.5	\$109.6	\$127.3	\$121.1	\$92.6	\$103.0
Cleanup†	\$123.2	\$111.6	\$110.1	\$115.6	\$130.7	\$151.9	\$129.3
Long-term Management	\$4.5	\$6.8	\$7.0	\$6.4	\$8.4	\$10.0	\$13.4
Total	\$265.7	\$262.8	\$262.8	\$286.7	\$290.7	\$292.3	\$276.5
IRP	\$150.7	\$162.1	\$144.3	\$153.9	\$167.6	\$180.8	\$195.2
MMRP	\$115.0	\$100.6	\$118.5	\$132.8	\$123.1	\$111.6	\$81.4
Total	\$265.7	\$262.8	\$262.8	\$286.7	\$290.7	\$292.3	\$276.5
Other Defense-wide							
ER							
Management	\$3.4	\$3.1	\$3.3	\$3.5	\$3.5	\$3.1	\$3.3
Investigation	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Cleanup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Long-term Management	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$3.4	\$3.1	\$3.3	\$3.5	\$3.5	\$3.1	\$3.3
IRP	\$3.4	\$3.1	\$3.3	\$3.5	\$3.5	\$3.1	\$3.3
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$3.4	\$3.1	\$3.3	\$3.5	\$3.5	\$3.1	\$3.3

* Subtotals may not equal totals due to rounding.

† Includes building demolition/debris removal costs.

Figure B-1.5 Overseas Budget Summary (millions of dollars)

	FY2005 Actual	FY2006 Actual	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Appropriated	FY2011 Requested
Army							
Cleanup*	\$12.7	\$11.1	\$4.7	\$18.1	\$16.4	\$20.0	\$19.0
Compliance	\$60.5	\$40.1	\$43.7	\$53.9	\$48.7	\$57.3	\$54.2
Pollution Prevention	\$3.6	\$2.3	\$3.8	\$3.1	\$2.7	\$1.3	\$2.5
Natural and Cultural Resources	\$1.8	\$4.1	\$10.2	\$5.4	\$6.2	\$5.5	\$4.8
Total	\$78.7	\$57.5	\$57.7	\$62.4	\$57.6	\$64.0	\$61.6
Navy and Marine Corps							
Cleanup*	\$0.0	\$0.0	\$5.0	\$0.9	\$0.3	\$0.2	\$0.0
Compliance	\$43.9	\$25.8	\$29.5	\$45.1	\$40.4	\$23.1	\$24.0
Pollution Prevention	\$4.3	\$3.0	\$3.1	\$1.8	\$1.9	\$2.1	\$1.9
Natural and Cultural Resources	\$0.7	\$1.5	\$1.9	\$1.6	\$1.5	\$1.8	\$2.0
Total	\$48.9	\$30.3	\$34.6	\$48.5	\$43.8	\$27.0	\$27.9
Air Force							
Cleanup*	\$8.5	\$13.0	\$15.4	\$6.5	\$12.0	\$29.9	\$17.4
Compliance	\$30.4	\$28.3	\$36.9	\$40.9	\$47.6	\$53.1	\$51.8
Pollution Prevention	\$4.0	\$5.9	\$4.6	\$6.5	\$4.7	\$3.8	\$5.0
Natural and Cultural Resources	\$11.6	\$2.7	\$2.2	\$5.1	\$4.2	\$2.4	\$4.0
Total	\$54.6	\$49.9	\$43.7	\$52.6	\$56.5	\$59.3	\$60.8
Defense-wide[†]							
Cleanup*	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Compliance	\$16.2	\$22.4	\$17.1	\$10.7	\$9.9	\$15.7	\$13.3
Pollution Prevention	\$1.8	\$1.8	\$1.3	\$0.7	\$1.3	\$1.6	\$1.5
Natural and Cultural Resources	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$18.0	\$24.2	\$18.4	\$11.5	\$11.2	\$17.2	\$14.9

* Overseas cleanup activities are funded under the Compliance Program.

† Includes DLA.

Section 2. EMS Program Performance

Figure B-2.1 EMS Appropriate Facilities/Organizations FY2009 Metrics

DoD Component	Number of Appropriate Facilities		
	U.S.	Overseas	Total
Army	123	21	144
Navy	73	20	93
Marine Corps	18	3	21
Air Force	72	19	91
DLA	9	2	11
Other*	2	0	2
Total	297	65	362

* Other DoD Components include Defense Commissary Agency and Missile Defense Agency.

DoD Component	Number of Facilities with EMS In Conformance [†]			Percentage of Facilities with EMS In Conformance		
	U.S.	Overseas	Total	U.S.	Overseas	Total
Army	42	15	57	34%	71%	40%
Navy	73	20	93	100%	100%	100%
Marine Corps	18	2	20	100%	67%	95%
Air Force	59	19	78	82%	100%	86%
DLA	7	2	9	78%	100%	82%
Other*	0	0	0	0	0	0%
Total	199	58	257	67%	89%	71%

* Other DoD Components include Defense Commissary Agency and Missile Defense Agency.

† In Conformance: EMS is in conformance with DoD Component requirements.

DoD Component	Number of Facilities with EMS Fully Implemented [†]			Percentage of Facilities with EMS Fully Implemented		
	U.S.	Overseas	Total	U.S.	Overseas	Total
Army	40	15	55	33%	71%	38%
Navy	73	20	93	100%	100%	100%
Marine Corps	18	2	20	100%	67%	95%
Air Force	59	19	78	82%	100%	86%
DLA	7	2	9	78%	100%	82%
Other*	0	0	0	0%	0%	0%
Total	197	58	255	66%	89%	70%

* Other DoD Components include Defense Commissary Agency and Missile Defense Agency.

† Fully Implemented: Meets requirements for E.O. 13423, which include:

1. External audit
2. Audit findings recognized by senior management
3. Declaration of conformance signed.

Section 3. Natural Resources Program Performance

Figure B-3.1 Natural Resources Program Performance

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	178	177	172	157	157
Up-to-date INRMPs	177	173	169	154	98
Percent Up-to-date	99%	98%	98%	98%	62%
INRMP Spending (millions of dollars)	\$58.5	\$71.8	\$71.4	\$89.7	\$125.2
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	78	78	78	71	75
Up-to-date INRMPs	77	72	78	57	71
Percent Up-to-date	99%	92%	100%	80%	95%
INRMP Spending (millions of dollars)	\$9.7	\$8.9	\$6.1	\$10.1*	\$21.9
Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	17	17	17	17	17
Up-to-date INRMPs	15	15	16	16	16
Percent Up-to-date	88%	88%	94%	94%	94%
INRMP Spending (millions of dollars)	\$11.6	\$12.2	\$14.2	\$16.5	\$17.3
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	104	109	104	96	92
Up-to-date INRMPs	83	92	75	67	67
Percent Up-to-date	80%	84%	72%	70%	73%
INRMP Spending (millions of dollars)	\$20.4	\$24.2	\$29.1	\$28.2	\$23.5
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	2	2	2	2	2
Up-to-date INRMPs	2	2	2	1	1
Percent Up-to-date	100%	100%	100%	50%	50%
INRMP Spending (millions of dollars)	\$0.2	\$0.2	\$0.2	\$0.4	\$0.2
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring INRMPs	379	383	373	343	343
Up-to-date INRMPs	354	354	340	295	253
Percent Up-to-date	93%	92%	91%	86%	74%
INRMP Spending (millions of dollars)	\$100.4	\$117.2	\$121.0	\$144.8	\$188.1

* In addition to \$10.1 million, the Navy spent \$3.0 million not directly attributable to an installation in FY2008.

Figure B-3.2 Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army						
88th Regional Readiness Command (Kingsbury LTA, IN; IL; MI; MN; OH; WI)	IN	March-08	Y	Y	Y	\$756,593
89th Regional Readiness Command (Sunflower LTA KS, Atchison SSF KS Mead LTA NE)	KS	October-08	Y	Y	N	\$220,000
99th Regional Readiness Command HQ (Keystone LTA (Formerly Geveva LTA))	PA	June-08	Y	Y	Y	\$300,000
Aberdeen Proving Ground (AA)	MD	June-09	Y	Y	Y	\$800,000
AKARNG (Stewart River Training Area)	AK	June-01	Y	Y	Y	\$1
ALARNG (Pelham Range (Formerly Fort McClellan))	AL	October-07	Y	N	Y	\$578,500
Anniston Army Depot	AL	May-09	Y	Y	Y	\$135,000
ARARNG (Camp J.T. Robinson)	AR	November-05	Y	Y	Y	\$37,000
ARARNG (Fort Chaffee MTC)	AR	September-09	Y	Y	Y	\$424,000
AZARNG (Camp Navajo)	AZ	N/A	N	Y	Y	\$752,666
AZARNG (Florence Military Reservation)	AZ	N/A	N	Y	Y	\$129,000
Blue Grass Army Depot	KY	March-08	Y	Y	Y	\$25,000
CAARNG (Camp Roberts Training Site MTC-H)	CA	N/A	N	Y	Y	\$236,250
CAARNG (Camp San Luis Obispo)	CA	N/A	N	Y	N	\$147,500
CAARNG (Santa Cruz)	CA	N/A	N	N	N	\$15,750
Camp Curtis Guild	MA	N/A	N	N	N	\$1
CSTC (Fort Hunter Liggett And Camp Parks)	CA	May-09	Y	Y	Y	\$1,500,000
CTARNG (Camp Hartell, Camp Rell, East Haven Rifle Range, Stones Ranch Military Reservation)	CT	August-09	Y	Y	Y	\$35,000
DEARNG (Bethany Beach Training Site)	DE	October-07	Y	Y	Y	\$5,000
DEARNG (New Castle Rifle Range/Training Site)	DE	October-07	Y	Y	Y	\$5,000
Deseret Chemical Depot	UT	November-07	Y	Y	Y	\$750,000
Devens Reserve Forces Training Area	MA	December-08	Y	Y	Y	\$20,000
FLARNG (Camp Blanding)	FL	August-09	Y	Y	Y	\$133,900
FLARNG (Miramar-Snake Creek Training Site)	FL	July-09	Y	Y	Y	\$54,332
Fort A.P. Hill	VA	May-08	Y	Y	Y	\$819,193
Fort Belvoir	VA	June-09	Y	Y	Y	\$745,000
Fort Benning	GA	July-06	Y	Y	Y	\$17,500,000

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army, cont.						
Fort Bliss	TX	May-09	Y	Y	Y	\$1,158,550
Fort Bragg	NC	October-09	Y	Y	Y	\$5,662,100
Fort Buchanan	PR	June-05	Y	Y	Y	\$45,000
Fort Campbell	KY	September-09	Y	Y	Y	\$1,972,000
Fort Carson (Includes Pinon Canyon Maneuver Site)	CO	September-09	Y	Y	Y	\$4,170,824
Fort Detrick	MD	June-09	Y	Y	N	\$56,000
Fort Dix	NJ	July-08	Y	Y	Y	\$323,500
Fort Drum	NY	July-09	Y	Y	Y	\$500,000
Fort George G. Meade	MD	January-04	Y	Y	Y	\$71,574
Fort Gordon	GA	September-08	Y	Y	Y	\$963,733
Fort Greely	AK	September-07	Y	N	Y	\$10,000
Fort Hood	TX	October-08	Y	Y	Y	\$4,281,000
Fort Huachuca	AZ	October-07	Y	Y	Y	\$5,906,459
Fort Jackson	SC	August-07	Y	Y	Y	\$1,857,250
Fort Knox	KY	March-08	Y	Y	Y	\$1,149,390
Fort Leavenworth	KS	September-09	Y	Y	Y	\$89,500
Fort Lee	VA	January-98	Y	Y	Y	\$148,096
Fort Leonard Wood	MO	February-09	Y	Y	Y	\$842,000
Fort Lewis	WA	February-07	Y	Y	Y	\$1,354,167
Fort McCoy	WI	February-06	Y	Y	Y	\$2,373,148
Fort Polk	LA	November-08	Y	Y	Y	\$1,676,000
Fort Richardson	AK	October-08	Y	Y	Y	\$985,000
Fort Riley	KS	September-07	Y	Y	Y	\$1,286,249
Fort Rucker	AL	August-09	Y	Y	Y	\$1,224,600
Fort Sam Houston (Includes Camp Bullis)	TX	February-08	Y	Y	Y	\$775,000
Fort Sill	OK	June-07	Y	Y	Y	\$1,384,300
Fort Stewart (Includes Hunter AAF)	GA	March-09	Y	Y	Y	\$4,945,398
Fort Story	VA	December-08	Y	N	Y	\$330,705
Fort Wainwright	AK	October-08	Y	Y	Y	\$4,413,000
Hawthorne Army Ammunition Plant	NV	March-09	Y	N	N	\$1,000

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army, cont.						
HIARNG (Keaukaha Military Reservation—Hilo, Kekaha Rifle WETS, Ukumehame, Waiawa Gulch/ Pearl City)	HI	September-09	Y	Y	Y	\$750,000
Holston Army Ammunition Plant	TN	May-01	Y	Y	Y	\$96,000
IAARNG (Camp Dodge Training Site)	IA	October-07	Y	Y	Y	\$155,000
IDARNG (Orchard Range Training Site)	ID	February-09	Y	Y	Y	\$1,182,225
ILARNG (Marseilles)	IL	October-09	Y	Y	Y	\$75,000
ILARNG (Sparta Training Site)	IL	October-09	Y	Y	Y	\$150,000
INARNG (Atterbury Training Site/ Camp Atterbury)	IN	October-07	Y	Y	Y	\$200,051
Iowa Army Ammunition Plant	IA	March-09	Y	Y	Y	\$957,000
KSARNG (Smokey Hill Training Area, Salina)	KS	November-01	Y	Y	Y	\$50,000
KYARNG (Artemus)	KY	September-09	Y	Y	Y	\$43,700
KYARNG (Eastern Kentucky Wets)	KY	September-09	Y	Y	Y	\$6,000
KYARNG (W.H. Ford Regional Training Center)	KY	April-08	Y	Y	Y	\$197,434
LAARNG (Camp Beauregard)	LA	March-06	Y	Y	Y	\$120,000
LAARNG (Camp Minden (Formerly Louisiana Army Ammunition Plant))	LA	September-06	Y	N	Y	\$3,800
LAARNG (Camp Villere Training Site)	LA	September-06	Y	Y	Y	\$3,800
MAARNG (Camp Edwards)	MA	July-09	Y	Y	Y	\$206,000
McAlester Army Ammunition Plant	OK	August-09	Y	Y	Y	\$395,000
MEARNG (Caswell Training Site)	ME	May-06	Y	Y	Y	\$1,000
MEARNG (Hollis Plains Training Site)	ME	N/A	N	Y	Y	\$30,000
MEARNG (Riley-Bog Brook Training Site)	ME	February-07	Y	Y	Y	\$1,000
MIARNG (Camp Grayling)	MI	January-09	Y	Y	Y	\$90,000
MIARNG (Fort Custer Training Center)	MI	March-09	Y	Y	Y	\$105,766
Milan Army Ammunition Plant	TN	November-08	Y	Y	Y	\$378,120
Military Ocean Terminal Sunny Point	NC		N	N	N	\$425,000
MNARNG (Camp Ripley)	MN	December-08	Y	Y	Y	\$350,000
MNARNG (Twin Cities Army Training Site Areden Hills) Formerly Twin Cities AAP))	MN	March-09	Y	N	Y	\$150,000
MOARNG (Camp Clark)	MO	October-09	Y	Y	N	\$17,204
MOARNG (Camp Crowder)	MO	October-09	Y	Y	Y	\$56,130
MOARNG (Macon Training Site)	MO	June-08	Y	N	N	\$105,023

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army, cont.						
MOARNG (Truman Reservoir Training Site)	MO	March-09	Y	N	Y	\$12,223
MOARNG (Wappapello Training Site)	MO	March-09	Y	N	N	\$2,692
MSARNG (Camp Shelby And Camp Mc Cain)	MS	December-07	Y	Y	Y	\$855,529
MTARNG (Fort Harrison)	MT	May-09	Y	Y	Y	\$29,540
MTARNG (Limestone Hills Training Range)	MT	May-09	Y	Y	Y	\$19,720
NCARNG (Camp Butner Training Site)	NC	November-07	Y	Y	Y	\$55,963
NDARNG (Camp Grafton)	ND	September-09	Y	Y	Y	\$123,880
NDARNG (Garrison Training Site)	ND	October-09	Y	Y	Y	\$1,000
NDARNG (TS Willison)	ND	October-09	Y	Y	Y	\$3,000
NEARNG (Camp Ashland Training Site)	NE	September-09	Y	Y	Y	\$140,000
NEARNG (Greenlief Training Site (Formerly Hastings TS))	NE	September-09	Y	Y	Y	\$140,000
NEARNG (Mead Training Site)	NE	September-09	Y	Y	Y	\$140,000
Newport Chemical Depot		October-06	Y	Y	Y	\$219,570
NJARNG (Sea Girt Training Center)	NJ	N/A	N	Y	Y	\$102,000
NMARNG (Camel Tracks, Carlsbad TS, Roswell TS, Deming TS)	NM	September-09	Y	Y	Y	\$88,000
NTC (Fort Irwin)	CA	September-09	Y	Y	Y	\$11,534,086
NVARNG (Stead Training Site)	NV	July-06	Y	Y	Y	\$40,485
NYARNG (Camp Smith Training Site)	NY	August-09	Y	Y	Y	\$1
NYARNG (Guilderland LTA)	NY	August-09	Y	Y	Y	\$1
NYARNG (Youngstown Training Site)	NY	August-09	Y	Y	Y	\$1
OHARNG (Camp Perry)	OH	August-07	Y	Y	Y	\$1
OHARNG (Newton Falls TS (Formerly Ravenna Army Ammunition Plant))	OH	August-09	Y	Y	Y	\$240,000
OKARNG (Camp Gruber Training Site)	OK	June-08	Y	Y	Y	\$283,634
ORARNG (Camp Adair/Corvallis)	OR	January-09	Y	Y	Y	\$18,606
ORARNG (Camp Rilea)	OR	January-09	Y	Y	Y	\$136,500
ORARNG (Central Oregon Training Site)	OR	January-09	Y	Y	Y	\$47,300
PAARNG (Fort Indiantown Gap)	PA	January-06	Y	Y	Y	\$689,000
Picatinny Arsenal (ARDEC)	NJ	September-09	Y	Y	Y	\$5,600
Pohakuloa Training Area	HI	September-09	Y	Y	Y	\$3,409,300
PRARNG (Camp Santiago Training Site)	PR	September-05	Y	N	Y	\$5,000
Presidio Of Monterey (Includes Fort Ord)	CA	September-08	Y	Y	Y	\$30,000

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army, cont.						
Pueblo Chemical Depot	CO	May-08	Y	Y	Y	\$50,000
Radford Army Ammunition Plant	VA	June-09	Y	Y	Y	\$50,000
Red River Army Depot (Includes Lonestar AAP-BRAC Installation)	TX	July-07	Y	Y	Y	\$743,408
Redstone Arsenal	AL	April-02	Y	Y	Y	\$8,106
RIARNG (Camp Fogarty Training Site)	RI	August-09	Y	N	Y	\$32,000
Rock Island Arsenal	IL	April-06	Y	Y	N	\$5,000
SCARNG (Clark Hills Training Site)	SC	July-08	Y	Y	Y	\$11,425
SCARNG (Leesburg Training Site)	SC	July-08	Y	Y	Y	\$34,275
SDARNG (Austin Training Area)	SD	August-09	Y	Y	Y	\$1
SDARNG (Camp Rapid Mta/ West Camp)	SD	February-09	Y	Y	Y	\$1
Sierra Army Depot	CA	October-08	Y	N	N	\$20,000
TNARNG (Catoosa Training Site)	TN	October-05	Y	N	Y	\$9,430,012
TNARNG (Grubbs/Kyle Training Site (Formerly Smyrna Training Site))	TN	June-06	Y	Y	Y	\$27,050
TNARNG (Milan Training Site)	TN	October-05	Y	Y	Y	\$46,200
TNARNG (Tullahoma Training Site)	TN	August-05	Y	N	N	\$21,000
Tooele Army Depot	UT	April-07	Y	Y	Y	\$30,000
TXARNG (Camp Bowie (State And Federal Lands))	TX	February-09	Y	Y	Y	\$142,925
TXARNG (Camp Maxey And Camp Mabry)	TX	February-09	Y	Y	Y	\$452,928
TXARNG (Camp Swift TS)	TX	February-09	Y	Y	Y	\$114,296
TXARNG (Fort Wolters)	TX	February-09	Y	Y	Y	\$33,428
Umatilla Chemical Depot	OR	January-06	Y	Y	Y	\$240,496
US Army Hawaii-Oahu (Dillingham Military Reservation, Schofield Barracks MR, Kahuku TA, Kawaihoa TA, Makua MR)	HI	September-09	Y	Y	Y	\$6,262,447
US Army Reserch Laboratory Adelphi (Adelphi Laboratory Center And Blossom Point Reserch Facility)	MD	May-02	Y	Y	Y	\$70,000
USARC (Joliet LTA)	IL	March-08	Y	Y	Y	\$139,530
UTARNG (Camp Williams/ Riverton MTA-L)	UT	May-07	Y	Y	Y	\$128,000
UTARNG (Oms 10B/Saint George)	UT	N/A	N	Y	Y	\$1,000

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Army, cont.						
VAARNG (Fort Pickett)	VA	November-05	Y	Y	Y	\$508,798
VTARNG (Camp Johnson)	VT	October-01	Y	Y	Y	\$20,000
VTARNG (Ethan Allen Firing Range)	VT	September-08	Y	Y	Y	\$100,000
WAARNG (Camp Murray)	WA	August-09	Y	Y	N	\$93,700
West Point Military Reservation	NY	March-09	Y	N	Y	\$719,485
White Sands Missile Range	NM	June-08	Y	Y	Y	\$1,737,034
WIARNG (TS Camp Wismer)	WI	October-09	Y	N	N	\$10
WVARNG (Camp Dawson, Briery Mtn TA, Pringle Tract TA, Volkstone TA)	WV	January-09	Y	Y	Y	\$210,772
WYARNG (Camp Guernsey)	WY	August-01	Y	Y	Y	\$102,849
WYARNG (Lander Training Site/LTA)	WY	August-01	Y	Y	Y	\$1
WYARNG (Lovell LTA)	WY	August-01	Y	Y	Y	\$29,950
WYARNG (Sheridan LTA)	WY	August-01	Y	Y	Y	\$199,627
Yakima Training Center	WA	September-08	Y	Y	Y	\$1,850,735
Yuma Proving Ground	AZ	February-08	Y	Y	Y	\$750,000
Army Total						\$125,169,603

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Navy						
Annapolis, NSF	MD	January-01	N	N	N	\$80,182
Bayview Detachment, Carderock NSWC	ID	July-04	Y	Y	Y	\$0
Boardman, NWSTF	OR	June-99	N	Y	Y	\$25,000
Bremerton, Naval Hospital	WA	February-05	Y	N	N	\$0
Brunswick, NAS	ME	December-01	Y	N	N	\$0
Carderock, NSF	MD	November-01	N	Y	Y	\$17,799
Charleston, NWS	SC	November-03	Y	Y	Y	\$1,007,740
Chesapeake Bay Detachment, NRL	MD	September-03	N	N	N	\$238,500
China Lake, NWAS	CA	February-02	Y	Y	Y	\$836,852
Corona, NWAS	CA	June-05	Y	N	N	\$0
Coronado, Naval Base	CA	April-02	Y	Y	N	\$822,524
Corpus Christi, NAS	TX	November-01	Y	Y	Y	\$6,480
Crane, NSA	IN	November-01	Y	Y	Y	\$29,000
Dahlgren, Naval Support Facility	VA	November-08	Y	N	Y	\$100,485
Dam Neck Annex, NASO	VA	September-08	Y	Y	Y	\$55,840
Dixon, NRTF	CA	June-03	N	N	N	\$0
Earle, NWS	NJ	February-02	N	N	N	\$354,530
El Centro, NAF	CA	September-01	Y	Y	Y	\$176,000
Everett, NAVSTA	WA	March-09	Y	Y	Y	\$0
Fallbrook Detachment, NWA Seal Beach	CA	May-06	Y	Y	Y	\$1,178,094
Fallon, NAS	NV	June-06	Y	N	N	\$128,515
Flagstaff, NAVOBSY	AZ	April-02	Y	Y	Y	\$147,000
Great Lakes Naval Station	IL	November-01	Y	Y	Y	\$0
Guam, ComNavMarianas	GU	November-01	N	N	Y	\$1,993,920
Gulfport, NCBC	MS	September-01	Y	Y	Y	\$20,850
Indian Head, NSF	MD	March-09	Y	Y	Y	\$5,529,434
Indian Island, NAVMAG	WA	September-09	Y	Y	Y	\$15,000
Jacksonville, NAS	FL	November-01	Y	Y	Y	\$71,931
Jim Creek, NAVRADSTA (T)	WA	March-09	Y	Y	Y	\$0
Key West, NAS	FL	November-01	Y	Y	Y	\$153,998
Keyport, NUWC	WA	May-09	Y	Y	Y	\$0

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Navy, cont.						
Kings Bay, NSB	GA	November-01	Y	Y	Y	\$141,580
Kingsville, NAS	TX	December-01	Y	Y	Y	\$84,760
Kitsap, NBK - Bangor	WA	September-01	Y	N	N	\$0
Lakehurst, NAES	NJ	January-03	Y	N	N	\$8,000
Lemoore, NAS	CA	November-08	Y	N	N	\$109,092
Little Creek, NAB	VA	December-04	Y	Y	Y	\$19,097
Mayport, NAVSTA	FL	November-01	Y	Y	Y	\$48,904
Meridian, NAS	MS	October-09	Y	Y	Y	\$71,000
Mid-South, NSA	TN	November-01	Y	N	N	\$97,000
Monterey, NPS	CA	March-02	Y	Y	Y	\$186,798
Naval District Washington Complex	DC	December-01	N	Y	Y	\$127,081
Naval Support Activity Panama City	FL	September-09	Y	Y	Y	\$51,216
New London, NSB	CT	April-04	Y	Y	Y	\$7,000
New Orleans, NAS JRB	LA	November-01	Y	Y	Y	\$24,997
Newport, Navsta	RI	January-05	N	N	N	\$0
NIOC Sugar Grove WV	WV	June-03	Y	N	Y	\$2,150
Norfolk-Northwest Annex, NSA	VA	December-05	Y	Y	Y	\$530
Oceana, NAS	VA	September-08	Y	Y	Y	\$24,339
Pacific Missile Range Facility	HI	October-01	Y	N	Y	\$55,000
Patuxent River, NAS	MD	February-02	Y	Y	Y	\$294,686
Pearl Harbor, Navsta	HI	January-02	Y	Y	Y	\$1,784,000
Pensacola, NAS	FL	September-09	Y	Y	Y	\$215,085
Point Loma, Naval Base	CA	May-02	N	N	N	\$232,800
Point Mugu, NBVC	CA	March-02	Y	Y	Y	\$682,780
Port Hueneme, NBVC	CA	March-02	Y	Y	Y	\$1,680
Puget Sound, FISC	WA	July-09	Y	Y	Y	\$44,000
Rangeley, NSERE	ME	December-07	Y	N	N	\$0
San Clemente Island, NALF	CA	March-02	N	Y	Y	\$3,555,937
San Diego Bay	CA	March-02	N	N	N	\$85,749
San Diego, Naval Base	CA	April-02	N	Y	Y	\$178,030

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Navy, cont.						
San Diego, Naval Medical Center	CA	May-06	Y	N	N	\$0
San Nicolas Island, OLF	CA	August-06	Y	Y	Y	\$263,013
San Pedro, DFSP	CA	September-02	Y	Y	N	\$0
Seal Beach, NWS	CA	June-01	Y	Y	N	\$181,515
Whidbey Island, NAS	WA	April-96	N	Y	N	\$70,000
Whiting Field, NAS	FL	December-01	Y	Y	Y	\$219,993
Yorktown, NWS	VA	February-05	Y	Y	Y	\$19,097
Navy Total						\$21,876,583
Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Marine Corps						
MCAGCC Twentynine Palms	CA	March-07	Y	Y	Y	\$838,000
MCAS Beaufort	SC	August-06	Y	Y	Y	\$412,000
MCAS Camp Pendleton	CA	November-06	Y	Y	Y	\$235,000
MCAS Cherry Point	NC	November-06	Y	Y	Y	\$489,996
MCAS Miramar	CA	October-06	Y	Y	Y	\$503,000
MCAS Yuma BMG Range	AZ	March-07	Y	Y	Y	\$552,000
MCB Camp Lejeune	NC	January-07	Y	Y	Y	\$2,217,750
MCB Camp Pendleton	CA	March-07	Y	Y	Y	\$8,655,000
MCB Hawaii	HI	November-06	Y	Y	Y	\$1,912,000
MCB Quantico	VA	April-07	Y	Y	Y	\$996,250
MCLB Albany	GA	May-07	Y	Y	Y	\$43,225
MCLB Barstow	CA	July-06	Y	Y	Y	\$10,000
MCRC Jacksonville	FL	April-05	Y	N	N	\$0
MCRC Syracuse	NY	June-03	N	N	N	\$0
MCRD Parris Island	SC	May-07	Y	Y	Y	\$359,900
MCSF Blount Island	FL	July-07	Y	Y	Y	\$63,000
Townsend Range	GA	March-07	Y	Y	Y	\$61,000
Marine Corps Total						\$17,348,121
Navy and Marine Corps Total						\$39,224,704

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Air Force						
611 ASG ARD Sites	AK	November-07	Y	Y	Y	\$47,422
611 ASG Inactive Sites	AK	September-09	Y	Y	Y	\$0
611 ASG Eareckson Air Force Station	AK	November-07	Y	Y	Y	\$120,000
611 ASG King Salmon Airport	AK	April-08	Y	Y	Y	\$20,000
Altus Air Force Base	OK	March-02	N	Y	Y	\$0
Andersen Air Force Base	GU	December-08	Y	Y	Y	\$694,000
Andrews Air Force Base	MD	January-09	Y	Y	Y	\$10,000
Arnold Air Force Base	TN	December-06	Y	Y	Y	\$1,960,000
Avon Park Air Force Range	FL	January-04	Y	Y	Y	\$1,435,200
Barksdale Air Force Base	LA	February-08	Y	Y	Y	\$211,635
Barry M. Goldwater Air Force Range	AZ	May-07	Y	Y	Y	\$355,300
Beale Air Force Base	CA	March-08	Y	Y	Y	\$326,340
Bellows Air Force Station	HI	June-08	Y	Y	Y	\$8,000
Buckley Air Force Base	CO	March-00	Y	Y	Y	\$253,161
Cannon Air Force Base	NM	October-04	Y	Y	Y	\$95,000
Cape Canaveral Air Force Station & Malabar Transmitter Annex	FL	October-01	N	N	Y	\$2,451,953
Cape Cod Air Force Station	MA	January-07	Y	Y	Y	\$67,684
Charleston Air Force Base	SC	December-08	N	N	Y	\$0
Cheyenne Mountain Air Force Station	CO	May-08	N	N	Y	\$156,300
Clear Air Force Station	AK	February-07	N	N	Y	\$51,726
Columbus Air Force Base	MS	October-05	Y	Y	Y	\$0
Davis-Monthan Air Force Base	AZ	June-06	Y	Y	Y	\$8,000
Dobbins Air Reserve Base	GA	September-07	Y	Y	Y	\$76,750
Dyess Air Force Base	TX	December-06	Y	Y	Y	\$53,000
Edwards Air Force Base	CA	August-08	Y	Y	Y	\$798,000
Eglin Air Force Base	FL	February-08	Y	Y	Y	\$175,000
Eielson Air Force Base	AK	May-08	N	Y	Y	\$0
Ellsworth Air Force Base & Badlands Bombing Range	SD	January-06	Y	Y	Y	\$64,300
Elmendorf Air Force Base	AK	June-07	Y	Y	Y	\$117,000
F. E. Warren Air Force Base	WY	June-08	Y	Y	Y	\$242,448
Fairchild Air Force Base	WA	May-05	Y	Y	Y	\$100,000

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Air Force, cont.						
Goodfellow Air Force Base	TX	May-07	Y	Y	Y	\$0
Grand Forks Air Force Base	ND	March-06	Y	Y	Y	\$236,564
Hanscom Air Force Base	MA	November-01	N	Y	Y	\$3,000
Hickam Air Force Base	HI	June-08	Y	Y	Y	\$180,000
Hill Air Force Base & Utah Test And Training Range	UT	August-07	Y	Y	Y	\$280,000
Holloman Air Force Base & Oscura Range	NM	November-07	Y	Y	Y	\$96,400
Homestead Air Reserve Base	FL	September-04	Y	Y	Y	\$0
Hurlburt Field	FL	August-08	N	N	Y	\$64,000
Kaena Point STS	HI	January-01	Y	Y	Y	\$109,500
Keesler Air Force Base	MS	December-07	Y	Y	Y	\$50,000
Kingsley Field	OR	October-09	Y	Y	Y	\$56,556
Kirtland Air Force Base	NM	July-07	Y	Y	Y	\$690,000
Lackland Air Force Base	TX	November-09	Y	Y	Y	\$0
Langley Air Force Base	VA	May-07	Y	Y	Y	\$42,300
Laughlin Air Force Base	TX	October-06	Y	Y	Y	\$0
Little Rock Air Force Base	AR	January-06	Y	Y	Y	\$123,000
Luke Air Force Base	AZ	January-04	Y	Y	Y	\$0
Maddill Air Force Base	FL	February-06	Y	Y	Y	\$3,505,600
Malmstrom Air Force Base	MT	January-08	Y	Y	Y	\$103,023
March Air Reserve Base	CA	September-05	Y	Y	Y	\$40,000
McChord Air Force Base	WA	June-03	N	Y	Y	\$6,405
McConnell Air Force Base	KS	July-05	Y	Y	Y	\$100,000
McEntire Air National Guard Station	SC	August-06	Y	Y	Y	\$183,800
McGuire Air Force Base	NJ	June-02	N	Y	Y	\$0
Minot Air Force Base	ND	November-02	Y	Y	Y	\$8,000
Moody Air Force Base And Grand Bay Air Force Range	GA	June-08	Y	Y	Y	\$86,400
Mountain Home Air Force Base And Saylor Creek Air Force Range	ID	January-04	Y	Y	Y	\$146,700
Naval Space Surveillance Field Station Elephant Butte	NM	N/A	N	Y	Y	\$0
Naval Space Surveillance Field Station Gila River	AZ	N/A	N	Y	Y	\$0
Naval Space Surveillance Field Station San Diego	CA	N/A	N	Y	Y	\$100,869
Naval Space Surveillance Field Station Lake Kickapoo	TX	N/A	N	Y	Y	\$0

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
Air Force, cont.						
Nellis Air Force Base & Nevada Test And Training Range	NV	January-99	N	Y	Y	\$1,360,000
New Boston Air Force Station	NH	January-08	Y	Y	Y	\$279,000
Niagara Falls Air Reserve Station	NY		N	Y	N	\$0
Offutt Air Force Base	NE	May-06	Y	Y	Y	\$8,000
Otis Air National Guard Base	MA	December-07	Y	Y	Y	\$0
Patrick Air Force Base	FL	October-01	N	Y	Y	\$69,249
Peterson Air Force Base	CO	November-07	N	Y	Y	\$148,135
Pillar Point Air Force Station	CA	November-00	N	Y	Y	\$14,840
Pope Air Force Base	NC	May-06	Y	Y	Y	\$3,015
Randolph Air Force Base	TX	May-09	Y	Y	Y	\$0
Robins Air Force Base	GA	September-07	Y	Y	Y	\$66,000
Scott Air Force Base	IL	March-06	Y	Y	Y	\$190,000
Selfridge Air National Guard Base	MI	November-01	N	N	Y	\$257,000
Seymour Johnson Air Force Base & Dare County Air Force Range	NC	July-08	Y	Y	Y	\$368,100
Shaw Air Force Base And Poinsette Air Force Range	SC	November-07	Y	Y	Y	\$318,200
Sheppard Air Force Base	TX	May-07	Y	Y	Y	\$0
Shriever Air Force Base	CO	December-01	Y	Y	Y	\$80,500
Smoky Hill Air Ground Gunnery Range	KS	March-07	Y	Y	Y	\$320,000
Tinker Air Force Base	OK	October-07	Y	Y	Y	\$451,500
Travis Air Force Base	CA	March-03	N	Y	Y	\$195,000
Tyndall Air Force Base	FL	August-06	Y	Y	Y	\$0
U.S. Air Force Academy	CO	September-08	Y	Y	Y	\$1,362,424
Vance Air Force Base	OK	May-08	Y	Y	Y	\$0
Vandenberg Air Force Base	CA	November-97	N	N	Y	\$1,228,675
Volk Field And Harwood Weapons Range	WI	November-08	Y	Y	Y	\$30,000
Wake Island Airfield	HI	June-09	Y	Y	Y	\$105,000
Warren Grove Air Ground Gunnery Range	NJ	December-06	Y	Y	Y	\$218,915
Westover Air Reserve Base	MA	November-05	N	Y	N	\$113,000
Whiteman Air Force Base	MO	March-03	Y	Y	Y	\$8,000
Wright-Patterson Air Force Base	OH	March-07	Y	Y	Y	\$229,775
Air Force Total						\$23,534,664

Figure B-3.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	Meets Requirements? (Y/N)	Coordination with FWS? (Y/N)	Coordination with the State? (Y/N)	\$ Spent in Current Fiscal Year to Implement INRMP (actual dollars)
DLA						
Defense Distribution Depot Susquehanna	PA	September-07	Y	Y	Y	\$600
Defense Fuel Supply Point San Pedro	CA	September-02	Y	Y	Y	\$186,000
DLA Total			2	2	2	\$186,600
<hr/>						
DoD Total			288	287	296	\$188,115,571

Section 4. Cultural Resources Program Performance

Figure B-4.1 Historic Property Data from DoD's Real Property Asset Database as of September 30, 2009

FY2009	Army	Navy	Marine Corps	Air Force	Other Defense-wide	DoD Total
Number of Historic Properties*						
Buildings	13,782	2,122	594	2,743	1	19,242
Structures	609	593	112	1,018	0	2,332
Linear Structures	24	26	14	15	0	79
Total	14,415	2,741	720	3,776	1	21,653
Percent of Historic Properties* that have a High Facility Physical Quality Code (Q1 or Q2)						
Buildings	37% (5,079)	7% (152)	2% (10)	90% (2,458)	0%	40% (7,699)
Structures	18% (108)	46% (274)	11% (12)	95% (965)	N/A	58% (1,359)
Linear Structures	29% (7)	31% (8)	0% (0)	93% (14)	N/A	37% (29)
Total	36% (5,194)	16% (434)	3% (22)	91% (3,437)	0%	42% (9,087)
Percent of Historic Properties* with Mission Critical (MC) or Mission Dependent, Not Critical (MDNC) Codes						
Buildings	87% (11,954)	95% (2,025)	100% (594)	100% (2,743)	100% (1)	90% (17,317)
Structures	94% (573)	96% (570)	100% (112)	100% (1,018)	N/A	97% (2,273)
Linear Structures	88% (21)	100% (26)	100% (14)	100% (15)	N/A	96% (76)
Total	87% (12,548)	96% (2,621)	100% (720)	100% (3,776)	100% (1)	91% (19,666)
Of Historic Properties† Greater than or Equal to 50 Years Old, Percent that are Evaluated (i.e., Non-NEV)						
Buildings	73% (40,047)	59% (10,869)	80% (5,579)	63% (9,101)	100% (38)	69% (65,634)
Structures	39% (6,332)	16% (1,377)	23% (516)	54% (4,149)	100% (150)	36% (12,524)
Linear Structures	10% (751)	9% (268)	16% (94)	51% (1,528)	100% (56)	19% (2,697)
Total	60% (47,130)	42% (12,514)	63% (6,189)	59% (14,778)	100% (244)	56% (80,855)
Number of Historic Properties* Demolished in Previous Fiscal Year (FY2008)						
Buildings	0	4	7	0	0	11
Structures	0	0	1	0	0	1
Linear Structures	0	0	0	0	0	0
Total	0	4	8	0	0	12
Percent of Historic Properties* with Utilization Category Codes that have a Category of "Utilized" or "Over-Utilized"						
Buildings‡	83% (1,869)	67% (445)	67% (118)	79% (632)	100% (1)	79% (3,065)

* With Historical Status Data Element Codes NHLC, NHLI, NREC, NREI, NRLC, or NRLI

† With Historical Status Data Element Codes NHLC, NHLI, NREC, NREI, NRLC, NRLI, ELPA, DNE, DNR, NCE, or NEV

‡ Includes offices, warehouses, laboratories, hospitals, and housing per the Federal Real Property Council's 2009 Guidance for Real Property Inventory Reporting

Figure B-4.2 Cultural Resources Metrics per DoDI 4715.16

FY2009	Army	Navy	Marine Corps	Air Force	DLA	DoD Total
Curation						
Compliant curation of archaeological collections and associated records (cubic feet)*	Not Compliant	Not Compliant	Not Compliant	Compliant	Compliant	Not Compliant
A) Volume of collections requiring curation	27,997	19,336	3,077	5,130	3	55,543
B) Volume of collections curated to 36 CFR Part 79	22,295	2,366	1,996	4,887	3	31,547
C) Volume of collections acquired during the previous fiscal year	1,519	110	82	244	1	1,956
Compliant curation of archaeological collections and associated records (linear feet)†	Not Compliant	Not Compliant	Compliant	Compliant	Compliant	Not Compliant
A) Associated records requiring curation	8,426	1,584	390	1,785	4	12,189
B) Associated records curated to 36 CFR Part 79	7,180	51	355	1,700	5	9,291
C) Associated records acquired during the previous fiscal year	60	28	47	85	1	221
Archaeological Survey						
Percent of DoD-managed lands surveyed for archaeological sites (acres)	38%	30%	30%	28%	100%	34%
Geographic Information System (GIS) Mapping						
Percent of archaeological site information reflected in a GIS	94%	73%	35%	63%	0%	84%
Percent of installations with Historic Real Property Asset information reflected in a GIS	65%	41%	100%	52%	0%	57%
ICRMPs						
Percent of total ICRMPs, by DoD Component, developed in consultation	94%	38%	53%	64%	100%	70%
Public Outreach						
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	45%	22%	59%	56%	33%	45%

* Compliant with DoDI 4715.16 if the volume of collections not curated in the current fiscal year (A-B) is less than or equal to the volume of collections acquired in previous fiscal year (C). Not compliant if (A-B) > C.

Figure B-4.3 DoD Cultural Resources: ICRMP Progress

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	140	142	144	144	139
Installations with complete ICRMPs	118	131	133	134	132
Percent of complete ICRMPs	84%	92%	92%	93%	95%
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	70	66	74	73	73
Installations with complete ICRMPs	27	24	23	21	28
Percent of complete ICRMPs	39%	36%	31%	29%	38%
Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	17	17	17	17	17
Installations with complete ICRMPs	12	14	15	11	12
Percent of complete ICRMPs	71%	82%	88%	65%	71%
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	123	119	118	130	126
Installations with complete ICRMPs	80	80	81	86	116
Percent of complete ICRMPs	65%	67%	69%	66%	92%
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	3	2	2	2	3
Installations with complete ICRMPs	2	2	2	2	3
Percent of complete ICRMPs	67%	100%	100%	100%	100%
DoD Totals	FY2005	FY2006	FY2007	FY2008	FY2009
Installations requiring ICRMPs	353	346	355	366	358
Installations with complete ICRMPs	239	251	254	254	291
Percent of complete ICRMPs	68%	73%	72%	69%	81%

Section 5. Native Americans Program Performance

Figure B-5.1 DoD Native American Metrics

FY2009	Army	Navy	Marine Corps	Air Force	DLA	National Museum of Health and Medicine*	DoD Total
Cultural Resources							
Number of installations where one or more tribal, cultural, or historical affiliations has been identified	101	16	14	82	2	N/A	215
Number of installations consulting with Federally-recognized Indian tribes during ICRMP development or revision	100	15	6	44	2	N/A	167
Number of installations incorporating a written tribal consultation process in completed or revised ICRMPs	98	10	1	46	1	N/A	156
Number of installations utilizing a process separate from the ICRMP for consultation with tribes (e.g. memorandum of understanding (MOU), agreement documents, consultation protocols)	53	11	8	27	1	N/A	100
Natural Resources							
Number of installations where known tribal rights (e.g., by treaty or other instruments) may potentially be affected (i.e., subsistence or traditional hunting, fishing, medicinal plants)	31	5	0	18	0	N/A	54
Number of installations consulting with Federally-recognized Indian tribes during INRMP development or revision	73	9	2	8	1	N/A	93
Number of installations incorporating a written tribal consultation process in completed or revised INRMPs	44	6	1	3	0	N/A	54
Number of installations utilizing a process separate from the INRMP for consultation with tribes (e.g. MOU, agreement documents, consultation protocols)	47	15	2	16	0	N/A	80
Native American Graves Protection and Repatriation Act (NAGPRA) Collections							
1. Number of DoD Installations, USACE Districts, or other entities currently in possession or control of archaeological, historical, or ethnographic collections that have not been professionally evaluated for NAGPRA "cultural items"	7	8	2	3	0	0	20
2. Number of DoD Installations, USACE Districts, or other entities currently in possession or control of human remains/funerary objects that have been professionally evaluated and documented as NAGPRA "cultural items"	18	8	3	20	0	1	50
3. "Minimum number of individuals" (MNI) held by all DoD Components included in Metric 2	181	62	223	6	0	158	630
4. Number of non-skeletal "cultural items" that are held by DoD Components included in Metric 2	987	141	2	207	0	45	1,382
5. MNI included in Metric 3 that are "culturally unidentifiable"	106	1	223	6	0	158	494
6. Number of non-skeletal "cultural items" included in Metric 4 that are "culturally unidentifiable"	689	402	0	0	0	0	1,091
7. MNI included in Metric 3 that are included in on-going consultations with tribes	173	58	0	0	0	158	389

* The Army Center for Military History, Director of Naval History, National Museum United States Air Force, and National Museum United States Marine Corps all reported "0" for all collections subject to NAGPRA.

Figure B-5.1, cont. DoD Native American Metrics

FY2009	Army	Navy	Marine Corps	Air Force	DLA	National Museum of Health and Medicine*	DoD Total
Native American Graves Protection and Repatriation Act (NAGPRA) Collections, cont.							
8. Number of non-skeletal "cultural items" included in Metric 4 that are included in on-going consultation with tribes	943	124	2	183	0	45	1,297
9. MNI included in Metric 3 that are pending transfer of custody from DoD Installations, USACE Districts, or other entities	0	0	0	0	0	0	0
10. Number of non-skeletal "cultural items" included in Metric 4 that are pending transfer of custody	0	0	2	183	0	0	185
11. Number of DOD Installations, USACE Districts, or other entities acquiring possession/control of human remains/funerary objects this reporting period	3	0	2	4	0	0	9

* The Army Center for Military History, Director of Naval History, National Museum United States Air Force, and National Museum United States Marine Corps all reported "0" for all collections subject to NAGPRA.

Section 6. Compliance Program Performance

Figure B-6.1 Criteria Pollutant Emissions from Stationary Sources (U.S. and Territories & Overseas) (Tons/Year)

Army	CY2006	CY2007	CY2008
VOCs	6,534	4,576	3,926
NO _x	4,789	4,561	3,750
PM ₁₀	11,514	3,268	3,061
PM _{2.5}	564	440	383
SO ₂	8,191	7,269	5,294
CO	3,767	2,231	1,529
Lead	8.69	9.03	12.49
Navy	CY2006	CY2007	CY2008
VOCs	1,230	1,117	1,106
NO _x	2,169	1,859	1,877
PM ₁₀	676	417	342
PM _{2.5}	146	159	161
SO ₂	2,016	1,539	1,211
CO	1,149	831	873
Lead	2.09	1.20	0.69
Marine Corps	CY2006	CY2007	CY2008
VOCs	281	328	400
NO _x	836	845	873
PM ₁₀	81	63	71
PM _{2.5}	49	32	32
SO ₂	1,190	1,128	1,035
CO	225	231	278
Lead	0.30	0.16	0.21
Air Force	CY2006	CY2007	CY2008
VOCs	2,918	4,060	3,934
NO _x	5,227	6,004	5,648
PM ₁₀	1,080	1,362	1,035
PM _{2.5}	215	207	186
SO ₂	1,469	1,822	1,519
CO	2,658	4,588	4,010
Lead	0.96	0.87	0.86

DLA	CY2006	CY2007	CY2008
VOCs	5	5	3
NO _x	67	61	62
PM ₁₀	7	7	7
PM _{2.5}	4	5	5
SO ₂	130	140	137
CO	11	12	12
Lead	0.01	0.04	0.00
DoD Total	CY2006	CY2007	CY2008
VOCs	10,969	10,085	9,368
NO _x	13,088	13,329	12,210
PM ₁₀	13,357	5,118	4,515
PM _{2.5}	979	843	767
SO ₂	12,996	11,898	9,195
CO	7,810	7,892	6,701
Lead	12.04	11.30	14.25

Figure B-6.2 Hazardous Air Pollutants from Stationary Sources (U.S. and Territories & Overseas) (Tons/Year)

	CY2006	CY2007	CY2008
Army	768	811	431
Navy	199	129	132
Marine Corps	89	112	77
Air Force	652	627	584
DLA	0.42	0.44	0.26
DoD Total	1,708	1,680	1,225

Figure B-6.3 Clean Water Pollution Control Permits Compliant with Clean Water Act (U.S and Territories)

Army	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	856	828	791	779	676
Number of Water Pollution Control Permits in Compliance	828	807	769	727	655
Percent of Water Pollution Control Permits in Compliance	97%	97%	97%	93%	97%
Navy	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	415	385	382	343	290
Number of Water Pollution Control Permits in Compliance	363	346	345	312	261
Percent of Water Pollution Control Permits in Compliance	87%	90%	90%	91%	90%
Marine Corps	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	134	111	113	109	104
Number of Water Pollution Control Permits in Compliance	125	104	101	95	91
Percent of Water Pollution Control Permits in Compliance	93%	94%	89%	87%	88%
Air Force	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	400	394	392	387	399
Number of Water Pollution Control Permits in Compliance	373	367	372	366	380
Percent of Water Pollution Control Permits in Compliance	93%	93%	95%	95%	95%

DLA	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	32	32	33	29	29
Number of Water Pollution Control Permits in Compliance	32	29	33	28	28
Percent of Water Pollution Control Permits in Compliance	100%	91%	100%	97%	97%
DoD Total	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Water Pollution Control Permits	1,837	1,750	1,711	1,647	1,498
Number of Water Pollution Control Permits in Compliance	1,721	1,653	1,620	1,528	1,415
Percent of Water Pollution Control Permits in Compliance	94%	94%	95%	93%	94%

Figure B-6.4 Facilities Discharging Wastewater Compliant with Final Governing Standards (Overseas)

Army	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	200	194	181	173	168
Number of Facilities in Compliance	86	104	133	133	137
Percent of Facilities in Compliance	43%	54%	73%	77%	82%
Navy	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	20	20	20	17	16
Number of Facilities in Compliance	15	13	16	13	14
Percent of Facilities in Compliance	75%	65%	80%	76%	88%
Marine Corps	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	33	33	33	2	2
Number of Facilities in Compliance	33	33	33	2	2
Percent of Facilities in Compliance	100%	100%	100%	100%	100%
Air Force	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	50	49	48	48	50
Number of Facilities in Compliance	46	43	45	45	47
Percent of Facilities in Compliance	92%	88%	94%	94%	94%

DLA	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	0	0	0	0	0
Number of Facilities in Compliance	0	0	0	0	0
Percent of Facilities in Compliance	0%	0%	0%	0%	0%
DoD Totals	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Number of Facilities	303	296	282	240	236
Number of Facilities in Compliance	180	193	227	193	200
Percent of Facilities in Compliance	59%	65%	80%	80%	85%

Figure B-6.5 DoD Component Population Served by DoD Public Water Systems in Compliance with Applicable Requirements (U.S and Territories & Overseas)

Army	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	1,377,732	1,569,845	1,621,789	1,603,376	1,431,995
Population with Compliant Drinking Water	1,339,960	1,422,699	1,505,875	1,371,017	1,407,182
Percent Population with Compliant Drinking Water	97%	91%	93%	86%	98%
Navy	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	752,546	722,922	791,119	731,609	718,324
Population with Compliant Drinking Water	631,818	683,146	713,437	601,254	644,494
Percent Population with Compliant Drinking Water	84%	94%	90%	82%	90%
Marine Corps	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	283,059	285,817	289,559	288,772	289,242
Population with Compliant Drinking Water	243,110	267,055	285,289	256,178	289,092
Percent Population with Compliant Drinking Water	86%	93%	99%	89%	100%
Air Force	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	1,029,416	1,045,466	943,625	934,830	955,806
Population with Compliant Drinking Water	1,002,116	1,018,952	909,225	934,830	933,084
Percent Population with Compliant Drinking Water	97%	97%	96%	100%	98%
DLA	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	14,069	16,000	16,700	16,942	18,642
Population with Compliant Drinking Water	14,069	13,000	13,700	16,942	18,642
Percent Population with Compliant Drinking Water	100%	81%	82%	100%	100%

DoD Total	CY2005	CY2006	CY2007	CY2008	First Half of CY2009
Total Population	3,456,822	3,640,050	3,662,792	3,575,529	3,414,009
Population with Compliant Drinking Water	3,231,073	3,404,852	3,427,526	3,180,221	3,292,494
Percent Population with Compliant Drinking Water	93%	94%	94%	89%	96%

Figure B-6.6 Number of New and Open DoD Enforcement Actions (U.S and Territories and Overseas)

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	35	19	25	64	24
New Enforcement Actions	91	101	94	130	75
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	88	97	56	54	44
New Enforcement Actions	72	92	73	68	84
Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	21	23	38	34	45
New Enforcement Actions	37	26	35	37	42
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	23	22	21	17	28
New Enforcement Actions	82	51	50	34	54
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	2	2	2	0	0
New Enforcement Actions	1	2	2	1	1
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
Open Enforcement Actions	169	163	142	169	141
New Enforcement Actions	283	272	254	270	256

Figure B-6.7 Number of New Enforcement Actions by Statute (U.S and Territories)*

Army	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	12	14	14	9	10
CWA	30	22	18	46	22
RCRA/C	25	31	25	23	13
RCRA/I	4	9	15	10	5
RCRA/D	1	1	5	3	3
SDWA	19	23	10	32	14
Other	0	1	5	6	7
Total	91	101	92	129	74
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	29	20	18	20	17
CWA	19	32	29	20	32
RCRA/C	8	10	9	10	6
RCRA/I	7	8	1	4	4
RCRA/D	0	3	0	0	1
SDWA	7	18	16	14	24
Other	2	0	0	0	0
Total	72	91	73	68	84
Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	15	1	20	12	19
CWA	6	11	5	18	14
RCRA/C	3	6	4	2	4
RCRA/I	4	5	0	4	0
RCRA/D	2	0	0	0	3
SDWA	6	2	2	1	1
Other	1	1	4	0	1
Total	37	26	35	37	42

* Does not include overseas enforcement actions by media.

Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	6	12	6	2	12
CWA	26	21	14	9	15
RCRA/C	8	6	5	11	11
RCRA/I	19	2	4	5	4
RCRA/D	0	1	1	0	0
SDWA	22	7	20	7	11
Other	1	2	0	0	0
Total	82	51	50	34	53
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	0	0	1	0	0
CWA	0	0	0	1	1
RCRA/C	0	1	1	0	0
RCRA/I	0	1	0	0	0
RCRA/D	0	0	0	0	0
SDWA	1	0	0	0	0
Other	0	0	0	0	0
Total	1	2	2	1	1
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
CAA	62	47	59	43	58
CWA	81	86	66	94	84
RCRA/C	44	54	44	46	34
RCRA/I	34	25	20	23	13
RCRA/D	3	5	6	3	7
SDWA	55	50	48	54	50
Other	4	4	9	6	8
Total	283	271	252	269	254

Figure B-6.8 Monetary and Non-Monetary Fines and Penalties Assessed (thousands of dollars)

Army	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$220.7	\$473.9	\$105.4	\$200.4	\$247.2
State	\$209.5	\$473.1	\$242.2	\$252.8	\$303.3
Local	\$0.0	\$0.0	\$0.2	\$0.0	\$1.5
Total	\$430.2	\$947.0	\$347.7	\$453.2	\$552.1
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$33.0	\$128.7	\$0.2	\$22.1	\$0.3
State	\$16.7	\$0.0	\$65.0	\$248.0	\$468.1
Local	\$4.2	\$66.3	\$25.5	\$7.5	\$12.1
Total	\$53.9	\$195.0	\$90.7	\$277.6	\$480.5
Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$0.0	\$0.0	\$0.0	\$0.2	\$12.9
State	\$0.0	\$0.0	\$0.0	\$0.5	\$0.0
Local	\$13.3	\$0.0	\$15.2	\$0.7	\$5.4
Total	\$13.3	\$0.0	\$15.2	\$1.3	\$18.3
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$0.0	\$0.0	\$76.7	\$274.8	\$0.0
State	\$948.0	\$23.3	\$9.3	\$88.2	\$4,252.5
Local	\$0.6	\$0.0	\$27.0	\$27.0	\$0.5
Total	\$948.6	\$23.3	\$112.9	\$390.0	\$4,253.0
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
State	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Local	\$0.0	\$0.8	\$0.0	\$0.0	\$0.37
Total	\$0.0	\$0.8	\$0.0	\$0.0	\$0.37
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
EPA	\$253.7	\$602.6	\$182.2	\$497.5	\$260.4
State	\$1,174.2	\$496.4	\$316.5	\$589.5	\$5,023.9
Local	\$18.0	\$66.3	\$67.9	\$35.2	\$19.9
Total	\$1,445.9	\$1,165.3	\$566.6	\$1,122.1	\$5,304.2

Non-Monetary Fines and Penalties

Army

In FY2009, the Georgia Department of Natural Resources required Fort Benning to conduct a Supplemental Environmental Project (SEP). Fort Benning submitted a restoration plan to re-establish a 25-foot vegetative buffer in response to a CWA violation. EPA required the Puerto Rico Army National Guard to conduct a SEP for a RCRA/C violation. The \$600,000 SEP reduced the initial fine from \$169,000 to \$39,000 and included the installation and operation of a wash rack system.

Section 7. Pollution Prevention Program Performance

Figure B-7.1 Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories and Overseas)

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	480,846	446,868	387,488	422,544	415,889
Solid Waste (w/o C&D) Disposed (L) tons	920,400	598,342	592,444	581,163	579,913
Total Solid Waste (w/o C&D) Generated (R+L)	1,401,246	1,045,210	979,932	1,003,707	995,802
Solid Waste (w/o C&D) Diversion Rate $[R/(R+L)] \times 100$	34%	43%	40%	42%	42%
C&D Debris Diverted (CDR) tons	492,463	924,787	1,461,457	890,586	940,735
C&D Debris Disposed (CDL) tons	246,822	356,582	387,862	358,359	341,925
Total C&D Debris Generated (CDR+CDL)	739,285	1,281,369	1,849,319	1,248,945	1,282,660
C&D Diversion Rate $[CDR/(CDR+CDL)] \times 100$	67%	72%	79%	71%	73%
Total Generated Solid Waste and C&D	2,140,531	2,326,579	2,829,251	2,252,652	2,278,462
Total tons diverted Solid Waste and C&D	973,309	1,371,655	1,848,945	1,313,130	1,356,624
Overall Diversion Rate—Solid Waste and C&D $[(R+CDR)/(R+L+CDR+CDL)] \times 100$	45%	59%	65%	58%	60%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$57.7	\$74.4	\$105.0	\$96.1	\$92.4
Navy	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	191,142	156,733	149,960	154,526	151,900
Solid Waste (w/o C&D) Disposed (L) tons	421,253	419,979	339,894	323,379	315,510
Total Solid Waste (w/o C&D) Generated (R+L)	612,395	576,712	489,854	477,905	467,410
Solid Waste (w/o C&D) Diversion Rate $[R/(R+L)] \times 100$	31%	27%	31%	32%	32%
C&D Debris Diverted (CDR) tons	501,215	807,100	347,265	263,608	357,550
C&D Debris Disposed (CDL) tons	306,552	223,078	141,618	224,642	209,061
Total C&D Debris Generated (CDR+CDL)	807,767	1,030,178	488,883	488,250	566,611
C&D Diversion Rate $[CDR/(CDR+CDL)] \times 100$	62%	78%	71%	54%	63%
Total Generated Solid Waste and C&D	1,420,162	1,606,890	978,737	966,155	1,034,021
Total tons diverted Solid Waste and C&D	692,358	963,833	497,225	418,134	509,450
Overall Diversion Rate—Solid Waste and C&D $[(R+CDR)/(R+L+CDR+CDL)] \times 100$	49%	60%	51%	43%	49%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$33.5	\$32.2	\$24.4	\$18.7	\$24.2

Figure B-7.1, cont. Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories and Overseas)

Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	110,321	66,782	89,598	84,539	77,010
Solid Waste (w/o C&D) Disposed (L) tons	175,495	167,748	157,333	151,120	144,091
Total Solid Waste (w/o C&D) Generated (R+L)	285,816	234,530	246,931	235,659	221,101
Solid Waste (w/o C&D) Diversion Rate $[R/(R+L)] \times 100$	39%	28%	36%	36%	35%
C&D Debris Diverted (CDR) tons	77,747	49,709	51,470	436,569	87,734
C&D Debris Disposed (CDL) tons	376,108	73,422	51,962	21,378	83,092
Total C&D Debris Generated (CDR+CDL)	453,855	123,131	103,432	457,947	170,826
C&D Diversion Rate $[CDR/(CDR+CDL)] \times 100$	17%	40%	50%	95%	51%
Total Generated Solid Waste and C&D	739,671	357,661	350,363	693,606	391,057
Total tons diverted Solid Waste and C&D	188,068	116,491	141,068	521,108	164,744
Overall Diversion Rate—Solid Waste and C&D $[(R+CDR)/(R+L+CDR+CDL)] \times 100$	25%	33%	40%	75%	42%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$7.6	\$5.6	\$4.3	\$16.5	\$3.5
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	353,758	383,881	341,444	225,135	205,898
Solid Waste (w/o C&D) Disposed (L) tons	408,790	416,005	363,566	277,825	294,748
Total Solid Waste (w/o C&D) Generated (R+L)	762,548	799,886	705,010	502,960	500,646
Solid Waste (w/o C&D) Diversion Rate $[R/(R+L)] \times 100$	46%	48%	48%	45%	41%
C&D Debris Diverted (CDR) tons	1,647,490	839,375	644,978	1,409,635	562,577
C&D Debris Disposed (CDL) tons	236,149	271,803	263,678	329,466	411,552
Total C&D Debris Generated (CDR+CDL)	1,883,639	1,111,178	908,656	1,739,101	974,129
C&D Diversion Rate $[CDR/(CDR+CDL)] \times 100$	87%	76%	71%	81%	58%
Total Generated Solid Waste and C&D	2,646,187	1,911,064	1,613,666	2,242,061	1,474,775
Total tons diverted Solid Waste and C&D	2,001,248	1,223,256	986,422	1,634,770	768,475
Overall Diversion Rate—Solid Waste and C&D $[(R+CDR)/(R+L+CDR+CDL)] \times 100$	76%	64%	61%	73%	52%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$60.1	\$40.3	\$45.3	\$127.6	\$40.5

Figure B-7.1, cont. Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories and Overseas)

DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	9,283	8,141	8,767	9,694	9,842
Solid Waste (w/o C&D) Disposed (L) tons	7,647	9,571	7,015	7,324	6,520
Total Solid Waste (w/o C&D) Generated (R+L)	16,930	17,712	15,782	17,018	16,362
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	55%	46%	56%	57%	60%
C&D Debris Diverted (CDR) tons	628	66,921	730	6,634	63,986
C&D Debris Disposed (CDL) tons	3,450	2,552	348	1,602	2,209
Total C&D Debris Generated (CDR+CDL)	4,078	69,473	1,078	8,236	66,195
C&D Diversion Rate [CDR/(CDR+CDL)]x100	15%	96%	68%	81%	97%
Total Generated Solid Waste and C&D	21,008	87,185	16,860	25,254	82,557
Total tons diverted Solid Waste and C&D	9,911	75,062	9,497	16,328	73,828
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	47%	86%	56%	65%	89%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$0.8	\$7.3	\$0.4	\$0.7	\$2.1
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
Solid Waste (w/o C&D) Diverted (R) tons	1,145,350	1,062,405	977,257	896,438	860,539
Solid Waste (w/o C&D) Disposed (L) tons	1,933,585	1,611,645	1,460,252	1,340,811	1,340,782
Total Solid Waste (w/o C&D) Generated (R+L)	3,078,935	2,674,050	2,437,509	2,237,249	2,201,321
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	37%	40%	40%	40%	39%
C&D Debris Diverted (CDR) tons	2,719,543	2,687,892	2,505,900	3,007,032	2,012,582
C&D Debris Disposed (CDL) tons	1,169,081	927,437	845,468	935,447	1,047,839
Total C&D Debris Generated (CDR+CDL)	3,888,624	3,615,329	3,351,368	3,942,479	3,060,421
C&D Diversion Rate [CDR/(CDR+CDL)]x100	70%	74%	75%	76%	66%
Total Generated Solid Waste and C&D	6,967,559	6,289,379	5,788,877	6,179,728	5,261,742
Total tons diverted Solid Waste and C&D	3,864,894	3,750,297	3,483,157	3,903,470	2,873,121
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	55%	60%	60%	63%	55%
Economic Benefit of Solid Waste Diversion (\$ millions)	\$159.9	\$159.8	\$179.5	\$259.7	\$162.7

Figure B-7.2 Hazardous Waste Disposal in Tons (U.S. and Territories & Overseas)

DoD Component	CY2005	CY2006	CY2007	CY2008
Army	31,870	22,514	38,229	27,372
Navy	27,034	30,266	34,998	26,738
Marine Corps	8,184	9,313	8,195	9,843
Air Force	10,138	8,418	8,454	11,280
DLA	199	580	224	933
DoD Total	77,424	71,091	90,098	76,164

Figure B-7.3 Army TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	12,708,832	11,673,964	13,596,979	13,889,283	14,645,541	15%
On-site to Air	985,108	976,497	1,068,169	841,159	990,824	1%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	4,660,995	5,325,766	7,796,233	6,137,618	7,767,053	67%
Off-site to POTW	22,636	24,363	26,399	26,169	11,745	-48%
Off-site Treatment	229,321	498,827	588,279	121,368	54,160	-76%
Off-site Disposal	261,622	257,454	793,608	972,359	1,605,484	514%
Total	18,868,514	18,756,872	23,869,667	21,987,955	25,074,806	33%

Figure B-7.4 Army TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	12,708,679	11,673,927	13,595,136	13,887,257	14,642,698	15%
On-site to Air	969,880	960,052	1,053,935	798,993	969,099	0%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	452,452	611,879	665,446	806,154	1,360,851	201%
Off-site to POTW	22,636	24,363	26,399	26,169	11,745	-48%
Off-site Treatment	229,321	498,827	588,279	120,923	54,160	-76%
Off-site Disposal	261,475	256,002	778,620	963,686	1,592,454	509%
Total	14,644,443	14,025,051	16,707,814	16,603,181	18,631,006	27%

Figure B-7.5 CY2008 Top 10 Army Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	14,669,801
2. Copper	3,916,113
3. Lead Compounds	1,716,186
4. Lead	1,432,025
5. Ethylene Glycol	901,108
6. Zinc (Fume or Dust)	519,700
7. Dichloromethane	369,243
8. Hydrochloric Acid (1995 and After "Acid Aerosols" Only)	191,070
9. Copper Compounds	181,102
10. Aluminum (Fume or Dust)	143,425

Figure B-7.6 Change in CY2004 Top 10 Army Chemicals, Including Ranges (Pounds Released or Transferred)

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Nitrate Compounds	13,074,774	11,899,699	13,706,409	14,045,783	14,669,801	12%
2. Copper	2,526,771	2,803,934	4,431,844	3,355,656	3,916,113	55%
3. Lead Compounds	953,286	1,011,127	1,130,192	1,063,954	1,716,186	80%
4. Lead	862,086	925,885	1,873,110	1,297,489	1,432,025	66%
5. Hydrochloric Acid (1995 and After "Acid Aerosols" Only)	226,661	157,735	217,529	215,633	191,070	-16%
6. Nitroglycerin	116,551	92,151	636,870	86,536	71,488	-39%
7. Aluminum (Fume or Dust)	97,170	104,485	125,038	19,679	143,425	48%
8. Dichloromethane	94,668	297,753	262,581	246,757	369,243	290%
9. Copper Compounds	87,985	149,535	73,278	83,058	181,102	106%
10. Trichloroethylene	87,494	107,081	108,231	118,903	62,495	-29%

Figure B-7.7 CY2008 Top 10 Army Installations

Name of Installation	Pounds Released or Transferred
1. Radford AAP	14,318,846
2. McAlester AAP	1,085,618
3. Red River Army Depot	956,774
4. Anniston Army Depot	625,637
5. Fort Bragg Range	547,599
6. Fort Hood Range	390,134
7. Army Training Center & Fort Jackson Ranges	387,419
8. Fort Wainwright Range	336,875
9. Fort Stewart Range	290,345
10. Lake City AAP	287,285

Figure B-7.8 Change in CY2004 Top 10 Army Installations (Pounds Released or Transferred)*

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Radford AAP	12,818,237	11,704,540	13,757,844	13,919,076	14,318,846	12%
2. Fort Sill Field DPW/EQD	541,127	454,457	543,358	335,276	194,444	-64%
3. Fort Bragg Range	429,653	459,717	555,636	329,769	547,599	27%
4. Anniston Army Depot	365,832	694,698	624,530	546,475	625,637	71%
5. Air Defense Artillery Center & Ranges Fort Bliss	349,255	360,820	134,069	236,146	226,227	-35%
6. Fort Dix Range	294,245	169,050	153,712	--	216,128	-27%
7. Army Maneuver Support Center Ranges	281,372	213,075	1,507,799	279,787	283,216	1%
8. Fort Irwin National Training Center	251,336	250,475	88,037	72,514	215,391	-14%
9. McAlester AAP	242,897	159,419	375,601	503,958	1,085,618	347%
10. Fort Carson Range	242,890	167,147	127,393	186,227	164,474	-32%

* A value of "--" represents no data reported.

Figure B-7.9 Navy TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	966,038	1,104,761	697,985	712,703	990,343	3%
On-site to Air	619,995	602,539	420,595	247,898	267,696	-57%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	384,370	391,563	234,031	434,609	448,548	17%
Off-site to POTW	17,949	111,237	150,505	70,546	65,667	266%
Off-site Treatment	88,949	103,241	41,688	59,708	165,724	86%
Off-site Disposal	260,942	267,072	222,474	142,681	144,466	-45%
Total	2,338,242	2,580,412	1,767,278	1,668,144	2,082,444	-11%

Figure B-7.10 Navy TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	966,038	1,104,759	697,985	712,703	990,335	3%
On-site to Air	569,732	569,106	402,857	247,881	208,724	-63%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	195,048	139,097	47,388	381,503	408,000	109%
Off-site to POTW	17,949	1,237	150,505	70,546	65,608	266%
Off-site Treatment	88,949	103,241	41,688	59,708	165,724	86%
Off-site Disposal	260,928	260,917	214,174	134,559	139,834	-46%
Total	2,098,643	2,178,356	1,554,597	1,606,899	1,978,225	-6%

Figure B-7.11 CY2008 Top 10 Navy Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	1,071,702
2. Copper	263,120
3. Aluminum (Fume or Dust)	157,784
4. Xylene (Mixed Isomers)	146,894
5. N-Butyl Alcohol	124,656
6. Lead	88,567
7. Copper Compounds	46,839
8. Toluene	46,508
9. Lead Compounds	35,237
10. Dichloromethane	24,200

Figure B-7.12 Change in CY2004 Top 10 Navy Chemicals, Including Ranges (Pound Released or Transferred)*

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Nitrate Compounds	1,037,643	1,248,784	879,898	808,421	1,071,702	3%
2. Zinc (Fume or Dust)	269,286	261,582	122,000	--	--	-100%
3. Aluminum (Fume or Dust)	215,500	277,764	187,970	207,655	157,784	-27%
4. Copper	140,137	113,956	59,370	183,154	263,120	88%
5. N-Butyl Alcohol	110,750	152,358	112,951	97,041	124,656	13%
6. Copper Compounds	78,882	83,108	87,543	53,478	46,839	-41%
7. Ethylene Glycol	75,723	69,260	27,462	35,694	216	-100%
8. Xylene (Mixed Isomers)	64,416	92,458	89,658	64,901	146,894	128%
9. Ammonia	55,300	--	20,420	928	737	-99%
10. N-Hexane	54,237	41,865	4,925	11,075	7,909	-85%

* A value of "--" represents no data reported.

Figure B-7.13 CY2008 Top 10 Navy Installations

Name of Installation	Pounds Released or Transferred
1. Pearl Harbor Naval Complex	552,279
2. NSWC Crane Division	306,599
3. PSNS & IMF–Bremerton Site & Naval Base Kitsap*	251,210
4. NAVSTA Mayport	157,795
5. COMNAVMARIANAS Guam	138,217
6. NAS Corpus Christi	109,269
7. Kings Bay Naval Submarine Base	78,146
8. NAS Point Mugu	65,323
9. NAWS China Lake Range	60,515
10. NAS North Island	54,718

* As a result of regionalization efforts, Puget Sound Naval Shipyard began reporting as PSNS & IMF–Bremerton Site & Naval Base Kitsap beginning in CY2004.

Figure B-7.14 Change in CY2004 Top 10 Navy Installations (Pounds Released and Transferred)

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Pearl Harbor Naval Complex	294,092	517,958	329,226	377,068	552,279	-15%
2. Puget Sound Naval Shipyard*	278,741	377,515	203,751	154,638	251,210	-10%
3. NAB Little Creek	269,395	261,688	122,000	21	30	-100%
4. NSWC Crane Division	224,092	151,797	6,184	155,130	306,599	37%
5. NAS Corpus Christi	219,093	83,879	24,547	94,773	109,269	-50%
6. NAS Jacksonville	204,528	279,145	51,991	53,300	44,884	-78%
7. NAVSTA Mayport	160,012	157,018	151,577	122,091	157,795	-1%
8. Norfolk Naval Shipyard	119,916	36,346	134,515	77,738	26,224	-78%
9. COMNAVMARIANAS Guam	83,376	105,364	76,156	121,148	138,217	66%
10. NAS Fallon, Bravo 17	78,146	129,561	76,612	104,787	48,486	-38%

* As a result of regionalization efforts, Puget Sound Naval Shipyard began reporting as PSNS & IMF–Bremerton Site & Naval Base Kitsap beginning in CY2004.

Figure B-7.15 Marine Corps TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	1,222,170	1,085,463	1,173,959	823,565	748,791	-39%
On-site to Air	144,964	106,324	95,213	89,046	79,095	-45%
On-site Underground Injection	0	0	34,877	34,508	40,606	0%
On-site to Land	847,149	1,586,864	1,882,519	1,550,842	1,756,599	107%
Off-site to POTW	0	0	0	0	0	0%
Off-site Treatment	0	6,247	5,747	716	33	0%
Off-site Disposal	1,046	75,857	84,682	2,125	19,389	1753%
Total	2,215,330	2,860,755	3,276,997	2,500,802	2,644,514	19%

Figure B-7.16 Marine Corps TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	1,222,170	1,085,463	1,173,959	823,565	748,791	-39%
On-site to Air	143,009	102,111	76,564	80,767	72,650	-49%
On-site Underground Injection	0	0	34,877	34,508	40,606	0%
On-site to Land	8,935	2,368	100,686	171,324	186,018	1982%
Off-site to POTW	0	0	0	0	0	0%
Off-site Treatment	0	6,247	5,747	716	33	0%
Off-site Disposal	1,046	1,557	2,156	1,669	1,305	25%
Total	1,375,161	1,197,746	1,393,989	1,112,549	1,049,402	-24%

Figure B-7.17 CY2008 Top 10 Marine Corps Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	973,956
2. Copper	787,476
3. Lead Compounds	723,352
4. Lead	86,251
5. Toluene	23,889
6. N-Methyl-2-Pyrrolidone	13,742
7. Dichloromethane	13,484
8. Ethylene Glycol	10,782
9. Methyl Tert-Butyl Ether	5,454
10. Xylene (Mixed Isomers)	5,312

Figure B-7.18 Change in CY2004 Top 10 Marine Corps Chemicals, Including Ranges (Pounds Released or Transferred)*

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Nitrate Compounds	1,230,239	1,087,207	1,309,112	1,017,430	973,956	-21%
2. Copper	433,950	686,577	1,023,153	761,234	787,476	81%
3. Lead Compounds	365,011	636,115	701,508	537,294	723,352	98%
4. Hydrochloric Acid (1995 and After "Acid Aerosols")	55,390	--	--	--	--	-100%
5. Lead	42,982	112,852	71,316	102,177	86,251	101%
6. Toluene	40,972	38,977	35,574	33,023	23,889	-42%
7. Dichloromethane	20,018	16,770	12,802	12,342	13,484	-33%
8. N-Methyl-2-Pyrrolidone	14,478	12,558	12,587	--	13,742	-5%
9. Methyl-Tert-Butyl-Ether	6,415	0	0	--	5,454	-15%
10. Xylene (Mixed Isomers)	3,940	20,783	15,020	16,573	5,312	35%

* A value of "--" represents no data reported.

Figure B-7.19 CY2008 Top 10 Marine Corps Installations

Name of Installation	Pounds Released or Transferred
1. MCB Camp Lejeune Range	577,399
2. MCB Camp Lejeune	448,296
3. MCB Camp Pendleton Range	336,381
4. MCB Camp Pendleton	325,714
5. Twentynine Palms Range	204,598
6. MCB Quantico	165,160
7. MCB Quantico Range Complex	156,348
8. Parris Island Range	93,685
9. Chocolate Mountains Aerial Gunnery Range	92,378
10. Barry M Goldwater Range Complex	67,751

Figure B-7.20 Change in CY2004 Top 10 Marine Corps Installations (Pounds Released and Transferred)*

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. MCB Camp Lejeune	719,992	504,922	537,250	432,333	448,296	-38%
2. MCB Camp Lejeune Range	332,892	306,153	419,548	517,593	577,399	73%
3. MCB Camp Pendleton	309,485	300,586	422,251	339,095	325,714	5%
4. MCB Quantico	189,149	144,069	195,601	114,428	165,160	-13%
5. MCB Camp Pendleton Range	150,165	302,750	251,183	189,774	336,381	124%
6. Twentynine Palms Range	97,089	622,052	353,074	148,573	204,598	111%
7. MCB Quantico Range Complex	94,941	146,343	194,862	165,978	156,348	65%
8. MCAS Cherry Point	89,537	78,281	61,926	41,914	37,924	-58%
9. Parris Island Range	78,556	77,882	84,278	93,008	93,685	19%
10. MCB Hawaii	47,996	38,281	43,884	--	53,494	11%

* A value of "--" represents no data reported.

Figure B-7.21 Air Force TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	150,299	267,942	159,501	113,576	78,965	-47%
On-site to Air	514,921	517,098	557,398	663,612	855,218	66%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	653,780	436,736	646,832	977,264	796,830	22%
Off-site to POTW	108,087	85,407	35,090	34,010	58,252	-46%
Off-site Treatment	71,658	73,574	53,507	11,931	7,796	-89%
Off-site Disposal	116,835	51,045	60,013	71,248	54,700	-53%
Total	1,615,580	1,431,802	1,512,341	1,871,640	1,851,761	15%

Figure B-7.22 Air Force TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	150,298	267,752	159,501	113,576	78,931	-47%
On-site to Air	513,993	515,629	538,690	501,139	410,598	-20%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	225,120	120,794	210,470	327,338	208,773	-7%
Off-site to POTW	108,087	85,406	35,090	34,009	58,252	-46%
Off-site Treatment	71,658	73,574	53,507	11,931	7,796	-89%
Off-site Disposal	116,835	50,947	55,596	71,245	49,125	-58%
Total	1,185,991	1,114,103	1,052,854	1,059,237	813,476	-31%

Figure B-7.23 CY2008 Top 10 Air Force Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Aluminum (Fume or Dust)	447,238
2. Lead	316,261
3. Copper	145,916
4. Barium Compounds	109,900
5. Nitrate Compounds	106,696
6. Dichloromethane	82,880
7. Hydrochloric Acid (1995 And After "Acid Aerosols" Only)	76,527
8. Ethylene Glycol	70,462
9. Toluene	68,722
10. Lead Compounds	51,000

Figure B-7.24 CY2004 Top 10 Air Force Chemicals, Including Ranges (Pounds Released and Transferred)*

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004-CY2008 % change
1. Copper	248,655	216,938	245,181	177,602	145,916	-41%
2. Nitrate Compounds	187,807	277,084	107,752	98,556	106,696	-43%
3. Dichloromethane	181,578	143,327	129,977	40,521	82,880	-54%
4. Hydrochloric Acid (1995 And After "Acid Aerosols")	171,518	184,304	153,344	120,497	76,527	-55%
5. Barium	122,000	--	--	--	--	-100%
6. Ethylene Glycol	104,454	145,154	160,955	102,973	70,462	-33%
7. Lead Compounds	105,951	43,810	83,963	65,086	51,000	-52%
8. Lead	83,985	63,047	71,056	585,787	316,261	277%
9. Xylene (Mixed Isomers)	72,722	50,071	56,503	49,413	35,291	-51%
10. Toluene	66,516	81,664	65,796	82,378	68,722	3%

* A value of "--" represents no data reported.

Figure B-7.25 CY2008 Top 10 Air Force Installations

Name of Installation	Pounds Released or Transferred
1. Nellis AFB Training Range	451,306
2. Moody AFB Small Arms and Grand Bay Ranges	248,888
3. Luke AFB/Barry M Goldwater Range	193,798
4. Eielson AFB	147,675
5. Robins AFB	127,889
6. Tinker AFB	95,961
7. Eglin AFB Range	81,263
8. Hill AFB (Ogden ALC)	81,047
9. Wright-Patterson AFB	76,551
10. Air Force Plant No. 4	63,050

Figure B-7.26 Change in CY2004 Top 10 Air Force Installations (Pounds Released and Transferred)*

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004-CY2008 % change
1. Hill AFB (Ogden ALC)	272,605	243,118	177,518	84,042	81,047	-70%
2. Nellis AFB and Training Range	168,529	99,395	205,718	102,042	451,306	168%
3. Eielson AFB	164,612	--	162,596	136,397	147,675	-10%
4. Air Force Plant No. 4	124,877	116,334	56,798	35,965	63,050	-50%
5. Eglin AFB Range	120,131	113,871	107,465	--	81,263	-32%
6. Wright-Patterson AFB	120,058	94,013	120,284	120,545	76,551	-36%
7. Tinker AFB	110,287	126,941	109,490	139,489	95,961	-13%
8. Robins AFB	105,403	101,439	119,764	150,009	127,889	21%
9. Arnold AFB	84,446	90,501	104,356	63,437	38,816	-54%
10. Air Force Plant No. 6	56,119	168,105	68,390	53,043	20,313	-64%

* A value of "--" represents no data reported.

Figure B-7.27 DLA TRI Reportable Quantities (Pounds Released or Transferred)

Category	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
On-site to Water	0	0	0	0	0	0%
On-site to Air	3,790	2,568	1,034	1,828	2,020	-47%
On-site Underground Injection	0	0	0	0	0	0%
On-site to Land	0	0	0	0	0	0%
Off-site to POTW	0	0	0	0	0	0%
Off-site Treatment	0	0	0	0	0	0%
Off-site Disposal	0	0	0	0	0	0%
Total	3,790	2,568	1,034	1,828	2,020	-47%

Figure B-7.28 Top CY2008 DLA Chemicals

Name of Chemical	Pounds Released or Transferred
1. Bromotrifluoromethane	1,238
2. Dichlorotetrafluoroethane (CFC-114)	776
3. 1,2,4-Trimethylbenzene	4
4. Naphthalene	2
5. Phenanthrene	0.018
6. Polycyclic Aromatic Compounds (PACs)	0.014
7. Mercury	0

Figure B-7.29 Change in CY2004 Top 10 DLA Chemicals (Pounds Released and Transferred)*

Name of Chemical	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Bromochlorodifluoromethane	1,362	592	108	56	--	-100%
2. Dichlorotetrafluoroethane (CFC-114)	991	511	408	295	776	-22%
3. Bromotrifluoromethane	691	976	335	381	1,238	79%
4. Dichlorodifluoromethane (CFC-12)	613	382	163	1,076	--	-100%
5. Trichlorofluoromethane	133	107	20	20	--	-100%
6. Polycyclic Aromatic Compounds (PACs)	0.016	0.015	0.013	0.015	0.014	-13%
7. Benzo (g,h,i) Perylene	0.002	0.002	0	0	--	-100%

* A value of "--" represents no data reported.

Figure B-7.30 CY2008 Top DLA Installations

Name of Installation	Pounds Released or Transferred
1. Defense Supply Center Richmond	2,014
2. Defense Distribution Depot of Susquehanna PA	6
3. National Stockpile Center Warren Depot	0

Figure B-7.31 Change in CY2004 Top DLA Installations (Pounds Released and Transferred)

Name of Installation	CY2004	CY2005	CY2006	CY2007	CY2008	CY2004–CY2008 % change
1. Defense Supply Center Richmond	3,790	2,568	1,034	1,828	2,014	-47%
2. Defense Distribution Depot of Susquehanna PA	0.018	0.017	0.015	0.017	6	29,721%

Section 8. Restoration Program Performance

Figure B-8.1 IRP Site Status at Active Installations and FUDS Properties by Cleanup Phase

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	677	594	497	437	590
Cleanup Planned or Underway	347	289	286	270	357
(Remedy in Place*)	(113)	(102)	(170)	(190)	(222)
Response Complete	9,488	9,568	9,704	9,775	9,918
(Long-Term Management Underway [†])	(248)	(268)	(268)	(331)	(403)
Total Sites	10,512	10,451	10,487	10,482	10,865
Navy and Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	744	651	541	505	449
Cleanup Planned or Underway	396	381	1,958	1,107	1,075
(Remedy in Place*)	(227)	(229)	(1,853)	(1,001)	(947)
Response Complete	2,574	2,672	1,217	2,111	2,204
(Long-Term Management Underway [†])	(139)	(156)	(34)	(54)	(48)
Total Sites	3,714	3,704	3,716	3,723	3,728
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	1,081	879	565	414	1,414
Cleanup Planned or Underway	897	976	871	829	828
(Remedy in Place*)	(386)	(470)	(469)	(463)	(490)
Response Complete	3,311	3,471	3,854	4,049	4,151
(Long-Term Management Underway [†])	(285)	(274)	(317)	(351)	(362)
Total Sites	5,289	5,326	5,290	5,292	6,393
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	2	3	3	4	4
Cleanup Planned or Underway	24	18	20	17	16
(Remedy in Place*)	(16)	(10)	(13)	(13)	(12)
Response Complete	318	324	322	325	327
(Long-Term Management Underway [†])	(1)	(11)	(19)	(22)	(16)
Total Sites	344	345	345	346	347

* Remedy in Place is a subset of Cleanup Planned or Underway

† Long-Term Management Underway is a subset of Response Complete

Figure B-8.1, cont. IRP Site Status at Active Installations and FUDS Properties by Cleanup Phase

FUDS	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	711	673	602	547	491
Cleanup Planned or Underway	412	340	386	383	366
(Remedy in Place*)	(7)	(6)	(10)	(14)	(14)
Response Complete	1,887	2,008	2,046	2,114	2,022
(Long-Term Management Underway†)	(15)	(21)	(32)	(38)	(45)
Total Sites	3,010	3,021	3,034	3,044	2,879
DoD Total (Excluding FUDS)	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	2,504	2,127	1,606	1,360	2,457
Cleanup Planned or Underway	1,664	1,664	3,135	2,223	2,276
(Remedy in Place*)	(742)	(811)	(2,505)	(1,667)	(1,671)
Response Complete	15,691	16,035	15,097	16,260	16,600
(Long-Term Management Underway†)	(673)	(709)	(638)	(758)	(829)
Total Sites	19,859	19,826	19,838	19,843	21,333

* Remedy in Place is a subset of Cleanup Planned or Underway

† Long-Term Management Underway is a subset of Response Complete

Figure B-8.2 MRS Status at Active Installations and FUDS Properties by Cleanup Phase

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	733	655	631	509	397
Cleanup Planned or Underway	6	3	0	3	2
(Remedy in Place*)	(0)	(0)	(0)	(0)	(0)
Response Complete	82	127	195	384	552
(Long-Term Management Underway [†])	(1)	(2)	(2)	(2)	(9)
Total Sites	821	785	826	896	951
Navy and Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	193	181	194	198	188
Cleanup Planned or Underway	4	5	14	16	65
(Remedy in Place*)	(0)	(0)	(12)	(11)	(59)
Response Complete	16	35	31	43	21
(Long-Term Management Underway [†])	(0)	(1)	(0)	(0)	(0)
Total Sites	213	221	239	257	274
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	239	240	373	390	428
Cleanup Planned or Underway	0	0	1	4	29
(Remedy in Place*)	(0)	(0)	(0)	(0)	1
Response Complete	60	64	111	123	145
(Long-Term Management Underway [†])	(0)	(0)	(0)	(0)	(0)
Total Sites	299	304	485	517	602
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	DLA does not have Munitions Response Sites (MRSs)				
Cleanup Planned or Underway					
(Remedy in Place*)					
Response Complete					
(Long-Term Management Underway [†])					

* Remedy in Place is a subset of Cleanup Planned or Underway

† Long-Term Management Underway is a subset of Response Complete

Figure B-8.2, cont. MRS Status at Active Installations and FUDS Properties by Cleanup Phase

FUDS	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	1,119	1,112	1,088	1,014	999
Cleanup Planned or Underway	57	48	159	79	52
(Remedy in Place*)	(0)	(0)	(0)	(0)	(0)
Response Complete	482	473	403	568	561
(Long-Term Management Underway [†])	(11)	(12)	(15)	(17)	(18)
Total Sites	1,658	1,633	1,650	1,661	1,612
DoD Total (Excluding FUDS)	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	1,165	1,076	1,198	1,097	1,013
Cleanup Planned or Underway	10	8	15	23	96
(Remedy in Place*)	(0)	(0)	(12)	(11)	(60)
Response Complete	158	226	337	550	718
(Long-Term Management Underway [†])	(1)	(3)	(2)	(2)	(9)
Total Sites	1,333	1,310	1,550	1,670	1,827

* Remedy in Place is a subset of Cleanup Planned or Underway

† Long-Term Management Underway is a subset of Response Complete

Figure B-8.3 IRP Site Status at BRAC Installations by Cleanup Phase

Army	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	108	114	145	152	152
Cleanup Planned or Underway	41	72	64	69	76
(Remedy in Place*)	(15)	(35)	(42)	(41)	(48)
Response Complete	1,744	1,781	1,767	1,778	1,782
(Long-Term Management Underway [†])	(56)	(69)	(80)	(84)	(81)
Total Sites	1,893	1,967	1,976	1,999	2,010
Navy and Marine Corps	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	93	120	111	97	90
Cleanup Planned or Underway	81	90	596	475	242
(Remedy in Place*)	(40)	(58)	(556)	(434)	(203)
Response Complete	920	914	422	558	803
(Long-Term Management Underway [†])	(46)	(40)	(16)	(14)	(27)
Total Sites	1,094	1,124	1,129	1,130	1,135
Air Force	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	398	412	417	372	336
Cleanup Planned or Underway	189	164	166	177	199
(Remedy in Place*)	(169)	(150)	(150)	(159)	(158)
Response Complete	1,127	1,179	1,226	1,260	1,282
(Long-Term Management Underway [†])	(82)	(272)	(289)	(308)	(279)
Total Sites	1,714	1,755	1,809	1,809	1,817
DLA	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	0	0	0	0	0
Cleanup Planned or Underway	7	7	7	7	7
(Remedy in Place*)	(1)	(2)	(2)	(2)	(2)
Response Complete	157	157	157	157	157
(Long-Term Management Underway [†])	(0)	(0)	(0)	(17)	(21)
Total Sites	164	164	164	164	164
DoD Total	FY2005	FY2006	FY2007	FY2008	FY2009
Investigation Planned or Underway	599	646	673	621	578
Cleanup Planned or Underway	318	333	833	728	524
(Remedy in Place*)	(225)	(244)	(750)	(636)	(411)
Response Complete	3,948	4,031	3,572	3,753	4,024
(Long-Term Management Underway [†])	(184)	(381)	(385)	(423)	(408)
Total Sites	4,865	5,010	5,078	5,102	5,126

* Remedy in Place is a subset of Cleanup Planned or Underway

† Long-Term Management Underway is a subset of Response Complete

Figure B-8.5 IRP CTC Estimates at Active and BRAC Installations and FUDS Properties (millions of dollars)

Active Installations	FY2005	FY2006	FY2007	FY2008	FY2009
Army	\$2,352.8	\$2,144.7	\$1,871.1	\$1,666.5	\$1,709.1
Navy and Marine Corps	\$2,065.8	\$1,987.4	\$1,865.2	\$1,853.2	\$2,154.8
Air Force	\$3,549.6	\$3,171.3	\$3,004.1	\$2,687.8	\$2,439.1
DLA	\$217.4	\$164.1	\$173.9	\$128.9	\$118.5
DoD Total	\$8,185.6	\$7,467.5	\$6,914.3	\$6,336.3	\$6,421.6
BRAC Installations	FY2005	FY2006	FY2007	FY2008	FY2009
Army	\$501.7	\$523.7	\$599.8	\$552.4	\$735.0
Navy and Marine Corps	\$806.7	\$1,417.9	\$1,334.9	\$1,233.6	\$1,116.4
Air Force	\$1,283.5	\$1,023.5	\$977.9	\$972.9	\$915.1
DLA	\$32.1	\$28.6	\$21.6	\$17.1	\$18.3
DoD Total	\$2,624.0	\$2,993.7	\$2,934.2	\$2,776.0	\$2,784.8
FUDS Properties	FY2005	FY2006	FY2007	FY2008	FY2009
FUDS Properties	\$3,540.1	\$3,441.6	\$3,249.3	\$2,779.0	\$2,963.0

Figure B-8.6 MMRP CTC Estimates at Active and BRAC Installations and FUDS Properties (millions of dollars)

Active Installations	FY2005	FY2006	FY2007	FY2008	FY2009
Army	\$4,297.6	\$3,032.1	\$2,943.2	\$2,341.4	\$1,320.3
Navy and Marine Corps	\$466.0	\$619.5	\$713.3	\$759.5	\$712.7
Air Force	\$1,274.5	\$1,496.3	\$1,598.6	\$1,845.8	\$1,815.9
DLA			DLA does not fund the MMRP		
DoD Total	\$6,038.1	\$5,147.9	\$5,255.1	\$4,946.7	\$3,848.9
BRAC Installations	FY2005	FY2006	FY2007	FY2008	FY2009
Army	\$1,062.0	\$800.3	\$795.7	\$854.1	\$781.1
Navy and Marine Corps	\$97.6	\$101.9	\$146.5	\$116.0	\$126.7
Air Force	\$0.0	\$0.0	\$5.1	\$1.7	\$2.8
DLA			DLA does not fund the MMRP		
DoD Total	\$1,159.6	\$902.2	\$947.3	\$971.8	\$910.6
FUDS Properties	FY2005	FY2006	FY2007	FY2008	FY2009
FUDS Properties	\$12,899.4	\$12,639.5	\$13,023.0	\$13,452.6	\$12,241.1

Figure B-8.7 Cost Recovery Efforts by DoD Component

DoD Component	Installation Name	Location	Cost Action Description	Cost Recovery/ Sharing Action	Amount Recovered/ Shared in FY2009	Cumulative Amount Recovered/ Shared Through FY2009	Cost to Pursue Action in FY2009	Cumulative Cost to Pursue Action Through FY2009
Army	Rocky Mountain Arsenal	Adams County, CO	Cost Recovery	Underway	\$9,188,385	\$313,776,695	N/A	N/A
Army	Rocky Mountain Arsenal	Adams County, CO	Cost Sharing	Underway	\$9,946,821	\$221,764,180	N/A	N/A
Army	Twin Cities Army Ammunition Plant	Arden Hills, MN	Cost Recovery	Underway	\$148,248	\$2,081,755	N/A	N/A
Navy	Allegheny Ballistics Lab (ATK)	Rocket Center, WV	Cost Sharing	Underway	\$173,129	\$529,868	Unknown	Unknown
Navy	Great Lakes NAVSTA—Pettibone Creek Site	North Chicago, IL	Cost Sharing	Underway	\$0	\$1,233,284	\$14,272	\$243,913
Navy	NIROP Fridley	Minneapolis, MN	Cost Sharing	Complete	\$4,600,000	\$4,600,000	\$2,996	\$743,397
Navy	Pearl Harbor Naval Complex, Oahu Sugar Site	Honolulu, HI	Cost Sharing	Underway	\$0	\$0	\$154,194	\$539,592
Navy	Pearl Harbor Naval Complex, Waipahu Ash Landfill	Honolulu, HI	Cost Recovery	Underway	\$1,290,898	\$5,056,198	\$17,011	\$229,247
Air Force	Air Force Plant No. 44	Tucson, AZ	Cost Recovery	Underway	\$1,010,000	\$3,110,000	N/A	N/A
Air Force	Air Force Plant No. 59	Binghamton, NY	Cost Recovery	Underway	\$0	\$0	N/A	N/A
Air Force	Air Force Plant No. 85	Columbus, OH	Cost Recovery	Underway	\$0	\$0	N/A	N/A
Air Force	Air Force Plant PJKS	Wateron, CO	Cost Recovery	Underway	\$350,000	\$3,500,000	N/A	N/A
Air Force	Grissom Air Force Base	Peru, IN	Cost Recovery	Underway	\$0	\$0	N/A	N/A
DLA	Former Defense Supply Center Philadelphia (Formerly Defense Personnel Support Center)	Philadelphia, PA	Cost Recovery	Underway	\$0	\$0	\$2,264,117	\$8,768,716

Figure B-8.8 Total Number of RABs by DoD Component in FY2009

DoD Component	Number of RABs
Army	53
Navy and Marine Corps	78
Air Force	14
DLA	3
FUDES	43
Total	191

Figure B-8.9 Total Number of RABs at Active Installations by DoD Component in FY2009

DoD Component	Number of RABs
Army	31
Navy and Marine Corps	54
Air Force	1
DLA	1
Total	87

Figure B-8.10 Total Number of RABs at BRAC Installations by DoD Component in FY2009

DoD Component	Number of RABs
Army	22
Navy and Marine Corps	24
Air Force	13
DLA	2
Total	61

Figure B-8.11 Total Number of RABs at FUDES Properties in FY2009

DoD Component	Number of RABs
FUDES	43



C

Installation Restoration Program and Military Munitions Response Program Status Tables

The summary status tables in this appendix present the Installation Restoration Program (IRP) category and Military Munitions Response Program (MMRP) category data that fulfill statutory reporting requirements for the Defense Environmental Restoration Program (DERP). The primary requirement for reporting on environmental restoration activities is stipulated in 10 United States Code §2706(a)(2), which defines the information that must be included in the Defense Environmental Programs Annual Report to Congress.

The tables in this appendix are arranged by installation, state, and Department of Defense (DoD) Component and portray various aspects of the program, including cleanup status and funding information, to meet DERP reporting requirements. As with the previous annual reports, the IRP category statistics include the Building Demolition/Debris Removal Program category, which is a minor category of the DERP.

DoD Components were required to report Munitions Response Site Prioritization Protocol (MRSPP) scores beginning in Fiscal Year (FY) 2008. The MRSPP provides a framework for implementing §311(b) of the National Defense Authorization Act for FY2002, which requires the DoD Components to assign a relative priority to each munitions response site (MRS) known or suspected to contain unexploded ordnance, discarded military munitions, or munitions constituents. This relative priority is known as the MRS priority, and is determined based on explosive, chemical warfare materiel, and health hazard evaluations conducted for each MRS. The priority assigned to an MRS may be one of eight numerical MRS priority ratings or one of three alternative ratings: evaluation pending, no longer required, or no known or suspected hazards.

Figure C-1 illustrates the descriptions of each of the nine status tables in this appendix. A brief description of each status table follows.

- Status Table C-1 provides a data summary of all DERP sites, including all current and former DoD properties.
- Status Table C-2 provides separate summaries of DERP sites at active installations, Base Realignment and Closure (BRAC) installations, and Formerly Used Defense Site (FUDS) properties.
- Status Table C-3 subdivides the active installations presented in Table C-2 by DoD Component (Army, Navy, Air Force, and the Defense Logistics Agency [DLA]).
- Status Table C-4 subdivides the BRAC installations presented in Table C-2 by DoD Component (Army, Navy, Air Force, and DLA).
- Status Table C-5 provides separate summaries of DERP sites at active installations, BRAC installations, and FUDS properties located in each U.S. state, territory, and the District of Columbia. Status and cost totals are shown for each U.S. state, territory, and the District of Columbia, with information for active installations, BRAC installations, and FUDS properties displayed separately.

- Status Table C-6 provides five-year review report status, explanations for significant changes in cost-to-complete (CTC) estimates since FY2008, National Priorities List (NPL) status, BRAC round year(s), site status, and funding information for active installations, BRAC installations, and FUDS properties that meet the following criteria:
 - Investigations or cleanup actions are planned or ongoing
 - Total FY2010 IRP and MMRP estimated CTC is greater than \$10 million.
- Status Table C-7 provides site counts and cost data for active installations, BRAC installations, and FUDS properties that meet the following criteria:
 - Investigations or cleanup actions are planned or ongoing
 - Total FY2010 IRP and MMRP estimated CTC is less than or equal to \$10 million.
- Status Table C-8 lists the total number of sites and costs incurred for active installations, BRAC installations, and FUDS properties that have achieved response complete status at all sites.
- Status Table C-9 provides data by state for installations that have incurred potentially responsible party (PRP) costs of more than \$100,000 through FY2009.

Figure C-1 Illustration of Tables C-1 through C-9

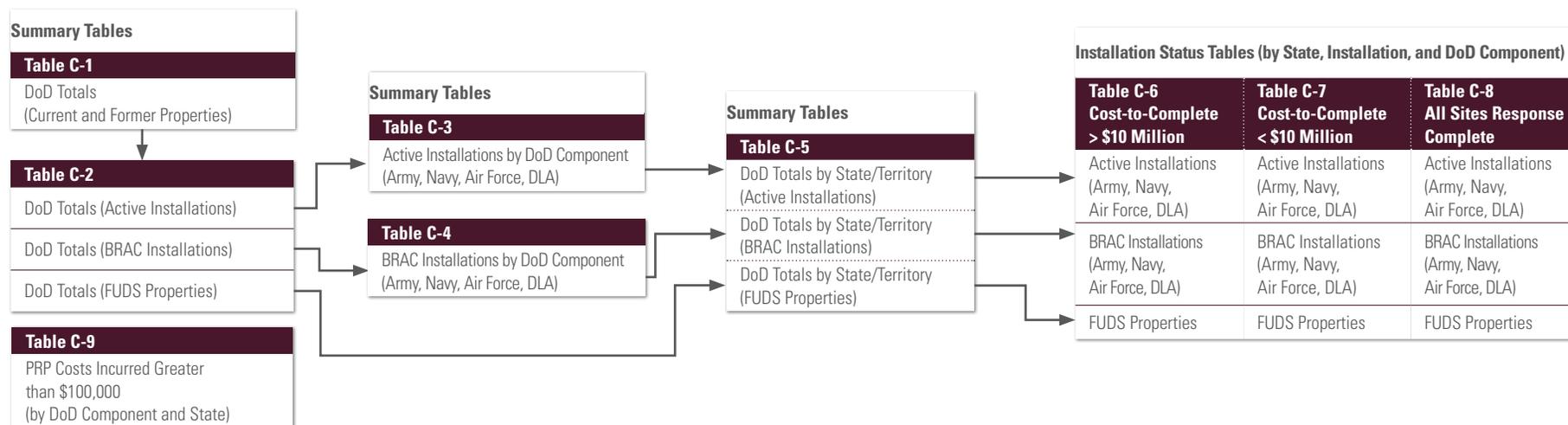


Figure C-2 provides detailed data element descriptions for the status tables.

The number of installations reported in Status Tables C-1 and C-2 represents the number of installations funded by each DoD Component. Note that the number of installations reported in these tables may exceed the number of actual installations because:

- Installations may be funded by more than one DoD Component
- Prior-year Environmental Restoration (ER) funding may be reported for installations that are now funded completely by the BRAC program
- Current and future ER and BRAC funding may be reported for one installation with both ER and BRAC sites.

Figure C-2 DERP Data Element Descriptions

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000 Defense Environmental Restoration Program

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Guam																				
AIR FORCE - ANDERSEN AIR FORCE BASE / GU957309951900 / NPL / BRAC 2005 Realignment / RAB / C-EST																				
IRP Sites and MRSs by Classification		Study		IRA		RA-O		LTM		Total		Total		Total		Total		Total		
Response Complete	47	Response Complete	0	High	0	Medium	14	Low	18	Not Evaluated	0	Not Required	0	Total IRP Sites	44	IRP Sites	44	MMRP Sites	0	
High	0	MESPP-1	0	MESPP-7	0	Damage	0	RA-C	0	RA-O	0	0	0	0	0	0	0	0	0	0
Medium	14	MESPP-2	0	MESPP-8	0	R-A-C	0	R-A-O	0	0	0	0	0	0	0	0	0	0	0	0
Low	18	MESPP-3	0	Evaluation Pending	0	R-A-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Evaluated	0	MESPP-4	0	No Known/Impacted	0	LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Required	0	MESPP-5	0	No Longer Required	0	IRP Final Act: FY 2012	0	MRS Final Act: FY 2014	0	0	0	0	0	0	0	0	0	0	0	0
Total IRP Sites	44	MESPP-6	0	Yes: MRS	14	Five-Year Status Completed and Underway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRP Program: Role to Page D-21 in FY09:		IRP Program Plans of for FY10-FY11:		MMRP Program: Role to Page D-21 in FY09:		MMRP Program Plans of for FY10-FY11:		Total		Total		Total		Total		Total		Total		
11		12		13		20		21		22		23		24		25		26		
14		15		16		17		18		19		27		28		29		30		
31		32		33																

Footnote	Data Element Descriptions
1	DoD Component Name—identifies the DoD Component responsible for environmental cleanup (Army, Navy, Air Force, DLA, or FUDS).
2	Installation Name—provides the name of the DoD installation or FUDS property.
3	Federal Facility Identification Number—a unique 14-digit alpha-numeric identifier used to manage and track the DoD installation or FUDS property.
4	NPL or Proposed NPL—if displayed, indicates that the DoD installation or FUDS property is either listed on or has been proposed for listing on the U.S. Environmental Protection Agency's NPL. The NPL is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories.
5	BRAC Year—if displayed, indicates that the DoD installation has been identified for closure or realignment under one or more of the five BRAC rounds (1988, 1991, 1993, 1995, and 2005).
6	Restoration Advisory Board (RAB)—if displayed, indicates that a RAB has been established and continues to operate, providing communities affected by DERP activities at the DoD installation or FUDS property with the ability to discuss, evaluate, and exchange information in an open forum.
7	CTC Delta from FY2008—if displayed, indicates that the current funding projection has changed by more than 10 percent as compared to the funding projection reported in FY2008. There are three possible explanations for CTC deltas (which include, but are not limited to, the examples that follow them): technical issues (additional sites identified, incomplete site data, additional or extended remedial action operation (RA-O) required); regulatory issues (changes to an existing cleanup requirement or new regulations); and changes in estimating criteria (addition of cost data that were overlooked or previously unknown, or database updates and corrections).
8	Response Complete (RC)—represents the number of DERP sites at which all restoration objectives have been met. The number of IRP sites that have achieved RC is displayed in the white cell, and the number of MRSs that have achieved RC is displayed in the gray cell.
9	Relative Risk Site Evaluation (RRSE) status—the RRSE framework is a methodology used across DoD to evaluate the relative risk posed by an IRP site in relation to other IRP sites. These cells display the number of IRP sites in each of the following relative risk categories: High, Medium, Low, Not Evaluated, and Not Required.

Figure C-2, cont. DERP Data Element Descriptions

Footnote	Data Element Descriptions
10	Total IRP Sites—represents the total number of IRP sites at the DoD installation or FUDS property. This number corresponds to the number of sites at RC, plus the number of sites in each of the relative risk categories.
11	MRSPP status—the MRSPP is used across DoD to assign a relative priority to each MRS, based on potential hazards and site conditions, to rank sites for remediation and funding. These cells display the number of MRSs in each of the eight numerical MRSPP ratings or the following three alternate ratings: evaluation pending, no known or suspected hazards, and evaluation no longer required. A Priority 1 MRS contains the highest potential hazard, while a Priority 8 MRS contains the lowest potential hazard.
12	Total MRSs—represents the total number of MRSs at the DoD installation or FUDS property. This number corresponds to the number of MRSs assigned to each of the eight numerical MRSPP ratings, plus the number of sites assigned to each of the three alternative ratings.
13	Five-Year Review status—provides the status of the five-year review for the DoD installation or FUDS property, where such review is required. A five-year review may be completed, underway, planned for the future, or any combination thereof. It is important to note that a five-year review may be required for selected DERP sites, not necessarily all sites at the installation or property.
14	Study—comprises three investigation phases: preliminary assessment (PA), site inspection (SI), and remedial investigation/feasibility study (RI/FS). The PA is a review of existing information to determine if a hazardous substance, pollutant, or contaminant release(s) requires additional investigation or action. The SI is an on-site investigation to augment the data collected in the PA and determine the need for further action. The RI/FS characterizes the site and evaluates various alternatives for remediation of the site.
15	Interim Remedial Action (IRA)—a remedial action undertaken prior to selection of the final remedy as a component of a larger remedy at a DERP site.
16	Design—includes developing the design plans for and specifications of the selected remedy at a DERP site.
17	Remedial Action Construction (RA-C)—represents the period of time that a response action is being implemented, but is not yet operating as designed. At the end of this phase of work, a remedy is in place.
18	RA-O—represents the period of time that a selected remedy must operate before achieving cleanup objectives. At the end of this phase of work, the response is complete.
19	Long-Term Management (LTM)—includes activities such as environmental monitoring, review of site conditions, and maintenance of a remedy to ensure continued protection as designed once a DERP site achieves RC.
20	Phases Completed—represents the number of DERP sites that have completed each phase. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
21	Phases Underway—represents the number of DERP sites with each phase underway as of the end of FY2009. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
22	Phases Planned for the Future—represents the number of DERP sites with each phase planned for FY2010 and beyond. All DERP sites require at least one of the three investigation phases that comprise the study phase (PA, SI and RI/FS), but they may not require all of the remaining phases (IRA, design, RA-C, RA-O, and LTM); thus, adding up the number of sites with study completed, underway and planned for the future matches the total number of sites, while adding up the number of sites with each of the remaining phases completed, underway and planned for the future generally does not. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
23	IRP Final RC—represents the fiscal year in which all IRP sites have or will achieve RC.
24	MMRP Final RC—represents the fiscal year in which all MRSs have or will achieve RC.
25	Schedule Impact in FY2009—if displayed, indicates that the schedule for a phase was impacted in FY2009. The reasons a schedule may be impacted include technical, contracting, personnel, regulatory, and funding issues. Reasons for impacts to IRP cleanup are displayed in the white cells, and reasons for impacts to MMRP cleanup are displayed in the gray cells.
26	Costs Through FY2009—represents funding allocated to DERP sites for each phase from the time cleanup activities were initiated through FY2009, in thousands of dollars. Funding to date for IRP sites is displayed in the white cells, and funding to date for MRSs is displayed in the gray cells. Note that the MMRP was established in 2001; prior to that costs related to addressing sites contaminated with unexploded ordnance, discarded military munitions, and munitions constituents were included with IRP costs.
27	FY2009 Funds Obligated—represents funding allocated to DERP sites for each phase in FY2009, in thousands of dollars. FY2009 funding for IRP sites is displayed in the white cells, and FY2009 funding for MRSs is displayed in the gray cells.
28	FY2010 Execution Planned—represents funding projected for allocation to DERP sites for each phase in FY2010, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.
29	FY2011 Planning Estimate—represents funding projected for allocation to DERP sites for each phase in FY2011, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.

Figure C-2, cont. DERP Data Element Descriptions

Footnote	Data Element Descriptions
30	Estimated Costs FY2012 Through FY2015—represents funding projected for allocation to DERP sites in each year from FY2012 through FY2015, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.
31	IRP and MMRP CTC—represents funding projected for allocation to DERP sites from FY2010 through completion of cleanup activities, including LTM, in thousands of dollars. The CTC for IRP sites is displayed in the white cell, and the CTC for MRSs is displayed in the gray cell.
32	Total CTC—represents funding projected for allocation to DERP sites from FY2010 through completion of IRP and MMRP cleanup activities, including LTM, in thousands of dollars.
33	IRP/MMRP Progress—describes IRP and MMRP cleanup progress made during FY2009, and IRP and MMRP cleanup activities planned for the next two years. If the DoD installation or FUDS property requires an installation narrative, reference to that narrative is provided in this section.

Figure C-3 lists the total number of installations and FUDS properties with DERP-eligible sites reported by each DoD Component in FY2009.

Figure C-4 reports installations that received funding for restoration activities from more than one DoD Component in FY2009.

Although BRAC installations are funded primarily by the BRAC account, some of these installations may also receive ER funding because both ER and BRAC sites are being addressed at those installations. Figure C-5 lists installations closed or realigned under BRAC that received both ER and BRAC funding in FY2009.

All DoD summary tables in this appendix include historical Defense Threat Reduction Agency (DTRA) cost data, but do not include DTRA site counts. DTRA is not shown separately in this appendix because it no longer has any DERP sites. There may be differences between the information in these tables and the information in other parts of this report. Such discrepancies can be attributed to the way in which project costs have been captured in the past. For example, at some installations, costs for interim actions and designs were often combined with the costs for actual cleanup, and costs for projects that covered multiple installations (such as PAs) may not have been allocated to each installation where the PAs took place. Additionally, the tables in this appendix contain only cleanup costs, as program management and support costs are not managed at the site level.

Figure C-3 Installations and Properties with DERP-eligible sites in FY2009

DoD Component	Number of Installations/Properties
Army	1,264
Navy	254
Air Force	323
Defense Logistics Agency	7
Formerly Used Defense Sites	2,669
Total	4,517

Figure C-4 Installations Funded by Multiple DoD Components in FY2009

Installation	FFID
Massachusetts Military Reservation (MMR)	MA157282448700

Figure C-5 Installations That Received Both ER and BRAC Funding in FY2009

Installation	FFID
Army	
Fort George G Meade	MD321022056700
Letterkenny Army Depot	PA321382050300
Red River Army Depot	TX621382073800
Tooele Army Depot	UT821382089400

Installation	FFID
Navy	
Barbers Point NAS	HI917002432600
Key West NAS	FL417002295200
Memphis NAS	TN417002260000

Installation	FFID
Air Force	
Grissom Air Force Base	IN557212447200
Homestead Air Force Base	FL457212403700
March Air Force Base	CA957212452700

One of the BRAC 2005 recommendations requires DoD to consolidate 26 installations with similar functions into 12 joint bases. Joint basing will happen in two phases and is designed to reduce duplication of efforts and generate cost savings. Phase I will be completed by October 1, 2009, and Phase II will be completed by October 1, 2010.

Each joint base will combine two or three installations that are located next to or in close proximity to each other but are currently aligned under different DoD Components. When each joint base is established, the DoD Component gaining responsibility (the Receiving DoD Component) will be responsible for operating the joint base. The DoD Component that transfers responsibility for an installation to the Receiving DoD Component is known as the Transferring DoD Component.

DoD has already moved funding from the Transferring DoD Component's budget to the Receiving DoD Component's budget for future cleanup activities. These transfers are reflected in the IRP/MMRP status tables in this appendix. For the Phase I joint bases, shown in Figure C-6, CTC estimates from FY2010 through completion are part of the Receiving DoD Component's budget. For the Phase II joint bases, shown in Figure C-7, CTC estimates from FY2011 through completion are part of the Receiving DoD Component's budget.

Under BRAC 2005, Navy transferred the ER sites at Concord Naval Weapons Station (NWS) to the Army at the beginning of FY2009. Starting with the FY2009 annual report, DoD reports cleanup status and CTC estimates for these transferred sites under Military Ocean Terminal Concord. Historical funding through FY2009 will remain with Concord NWS in this and future annual reports.

Figure C-6 Phase I Joint Bases

Joint Base Name	Receiving DoD Component and Installation	Transferring DoD Component(s) and Installation(s)
Joint Base Myer-Henderson Hall	Fort Myer (Army)	Henderson Hall (Marine Corps)
Joint Region Marianas	Navy Base Guam	Andersen Air Force Base
Joint Base Andrews-Naval Air Facility Washington	Andrews Air Force Base	Naval Air Facility Washington
Joint Base Little Creek-Story	Naval Amphibious Base Little Creek	Fort Story (Army)
Joint Base McGuire-Dix-Lakehurst	McGuire Air Force Base	Fort Dix (Army) and Naval Air Engineering Station Lakehurst

Figure C-7 Phase II Joint Bases

Joint Base Name	Receiving DoD Component and Installation	Transferring DoD Component(s) and Installation(s)
Joint Base Pearl Harbor-Hickam	Naval Station Pearl Harbor	Hickam Air Force Base and Hickam POL
Joint Base Anacostia-Bolling	Anacostia Annex (Navy)	Bolling Air Force Base
Joint Base Lewis-McChord	Fort Lewis (Army)	McChord Air Force Base
Joint Base Charleston	Charleston Air Force Base	Naval Weapons Station Charleston
Joint Base Elmendorf-Richardson	Elmendorf Air Force Base	Fort Richardson (Army)
Joint Base Lackland-Sam Houston-Randolph	Lackland Air Force Base	Randolph Air Force Base and Fort Sam Houston (Army)
Joint Base Langley-Eustis	Langley Air Force Base	Fort Eustis (Army)

Table C-1 Status of DoD Installations and FUDS Properties IRP/MMRP Summary as of September 30, 2009

	Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)							
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP					
		Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP								
DoD Installations and FUDS Properties																							
IRP Sites and MRSs by Classification		Study	25,812	1,654	2,127	1,964	1,399	165	\$9,910,626	\$979,699	\$264,398	\$233,577	\$245,006	\$238,822	\$118,389	\$176,024	FY12	\$998,453	\$539,572				
Response Complete	22,646	Response Complete	1,485						\$4,518,069	\$174,850	\$224,015	\$68,645	\$155,696	\$69,347	\$76,677	\$9,286	FY13	\$940,504	\$583,180				
High	688	MRSPP-1	0	MRSPP-7	79	Design	4,252	38	483	41	1,083	1,384	\$1,231,193	\$25,694	\$17,699	\$823	\$35,884	\$2,696	\$35,940	\$4,392	FY14	\$820,772	\$783,087
Medium	807	MRSPP-2	36	MRSPP-8	89	RA-C	6,055	113	850	86	1,506	1,634	\$9,829,660	\$702,261	\$431,097	\$74,832	\$367,989	\$116,085	\$525,472	\$94,968	FY15	\$853,328	\$771,697
Low	931	MRSPP-3	96	Evaluation Pending	1,578	RA-O	927	7	1,351	2	824	72	\$2,950,100	\$4,151	\$284,626	\$37	\$344,994	\$0	\$327,854	\$2,221	FY10-Comp. IRP		\$12,169,317
Not Evaluated	1,815	MRSPP-4	135	No Known/Suspected	54	LTM	1,674	164	1,596	62	2,033	1,465	\$1,160,429	\$22,156	\$102,768	\$2,410	\$134,808	\$5,260	\$115,635	\$3,071	FY10-Comp. MMRP		\$17,000,592
Not Required	2,451	MRSPP-5	183	No Longer Required	1,445																FY10-Complete		\$29,169,909
Total IRP Sites	29,338	MRSPP-6	88	Total MRSs	3,783																		
Total Number of IRP Installations with Sites				3,422																			
Total Number of MMRP Installations with Sites				1,841																			

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-2 Status of DoD Installations and FUDS Properties IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)																	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP															
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																		
Active Installations																																
IRP Sites and MRSs by Classification															Study	18,876	814	1,261	912	1,196	101	\$6,352,115	\$350,897	\$156,546	\$126,061	\$165,922	\$171,378	\$53,509	\$113,622	FY12	\$596,191	\$380,452
Response Complete	16,600	Response Complete	718			IRA	3136(4363)	24(27)	242(276)	61(64)			\$3,236,830	\$92,232	\$94,320	\$54,900	\$100,176	\$27,571	\$50,368	\$9,264	FY13	\$523,569	\$456,625									
High	269	MRSPP-1	0	MRSPP-7	33	Design	2,138	8	304	20	329	409	\$752,582	\$2,892	\$8,630	\$581	\$11,694	\$365	\$8,742	\$3,688	FY14	\$414,304	\$616,526									
Medium	599	MRSPP-2	23	MRSPP-8	86	RA-C	3,526	10	563	26	589	641	\$5,762,424	\$83,390	\$294,695	\$22,253	\$177,126	\$17,605	\$353,022	\$35,373	FY15	\$430,301	\$615,724									
Low	767	MRSPP-3	71	Evaluation Pending	624	RA-O	712	3	1,053	2	551	69	\$1,975,152	\$37	\$199,104	\$37	\$224,535	\$0	\$225,621	\$0	FY10-Comp. IRP		\$6,421,579									
Not Evaluated	1,416	MRSPP-4	89	No Known/Suspected	21	LTM	798	6	1,050	13	1,270	569	\$810,494	\$3,741	\$78,500	\$1,291	\$81,271	\$3,364	\$75,908	\$881	FY10-Comp. MMRP		\$3,848,885									
Not Required	1,682	MRSPP-5	130	No Longer Required	706							Total	\$18,889,597	\$533,189	\$831,795	\$205,123	\$760,724	\$220,283	\$767,170	\$162,828	FY10-Complete		\$10,270,464									
Total IRP Sites	21,333	MRSPP-6	44	Total MRSs	1,827																											
Total Number of IRP Installations with Sites					1,619																											
Total Number of MMRP Installations with Sites					322																											

BRAC Installations																																
IRP Sites and MRSs by Classification															Study	4,548	227	574	116	4	1	\$2,347,789	\$147,980	\$55,027	\$40,738	\$36,556	\$19,366	\$10,187	\$14,357	FY12	\$223,504	\$92,212
Response Complete	4,024	Response Complete	206			IRA	1077(1531)	14(17)	212(216)	5(6)			\$1,166,676	\$35,718	\$128,709	\$11,138	\$55,520	\$41,776	\$26,164	\$22	FY13	\$221,697	\$55,114									
High	218	MRSPP-1	0	MRSPP-7	2	Design	726	4	57	1	380	44	\$310,287	\$21,009	\$6,102	\$0	\$16,158	\$2,008	\$19,690	\$138	FY14	\$204,949	\$101,439									
Medium	117	MRSPP-2	3	MRSPP-8	3	RA-C	1,068	36	106	10	469	62	\$2,739,415	\$220,602	\$67,470	\$13,018	\$114,949	\$50,305	\$88,854	\$37,362	FY15	\$204,712	\$94,895									
Low	113	MRSPP-3	18	Evaluation Pending	72	RA-O	179	4	278	0	124	3	\$860,973	\$4,114	\$71,715	\$0	\$101,534	\$0	\$87,504	\$2,221	FY10-Comp. IRP		\$2,784,771									
Not Evaluated	243	MRSPP-4	11	No Known/Suspected	5	LTM	204	2	447	21	458	66	\$291,525	\$12,180	\$16,485	\$382	\$44,056	\$1,286	\$27,443	\$742	FY10-Comp. MMRP		\$910,625									
Not Required	411	MRSPP-5	16	No Longer Required	204							Total	\$7,716,665	\$441,603	\$345,508	\$65,276	\$368,773	\$114,741	\$259,842	\$54,842	FY10-Complete		\$3,695,396									
Total IRP Sites	5,126	MRSPP-6	10	Total MRSs	344																											
Total Number of IRP Installations with Sites					227																											
Total Number of MMRP Installations with Sites					76																											

Formerly Used Defense Sites																																
IRP Sites and MRSs by Classification															Study	2,388	613	292	936	199	63	\$1,210,722	\$480,822	\$52,825	\$66,778	\$42,528	\$48,078	\$54,693	\$48,045	FY12	\$178,758	\$66,908
Response Complete	2,022	Response Complete	561			IRA	159(159)	70(70)	1(1)	1(1)			\$114,563	\$46,900	\$986	\$2,607	\$0	\$0	\$145	\$0	FY13	\$195,238	\$71,441									
High	201	MRSPP-1	0	MRSPP-7	44	Design	1,388	26	122	20	374	931	\$168,324	\$1,793	\$2,967	\$242	\$8,032	\$323	\$7,508	\$566	FY14	\$201,519	\$65,122									
Medium	91	MRSPP-2	10	MRSPP-8	0	RA-C	1,461	67	181	50	448	931	\$1,327,821	\$398,269	\$68,932	\$39,561	\$75,914	\$48,175	\$83,596	\$22,233	FY15	\$218,315	\$61,078									
Low	51	MRSPP-3	7	Evaluation Pending	882	RA-O	36	0	20	0	149	0	\$113,975	\$0	\$13,807	\$0	\$18,925	\$0	\$14,729	\$0	FY10-Comp. IRP		\$2,962,967									
Not Evaluated	156	MRSPP-4	35	No Known/Suspected	28	LTM	672	156	99	28	305	830	\$58,410	\$6,235	\$7,783	\$737	\$9,481	\$610	\$12,284	\$1,448	FY10-Comp. MMRP		\$12,241,082									
Not Required	358	MRSPP-5	37	No Longer Required	535							Total	\$2,993,815	\$934,019	\$147,300	\$109,925	\$154,880	\$97,186	\$172,955	\$72,292	FY10-Complete		\$15,204,049									
Total IRP Sites	2,879	MRSPP-6	34	Total MRSs	1,612																											
Total Number of IRP Installations with Sites					1,624																											
Total Number of MMRP Installations with Sites					1,452																											

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-3 Status of DoD Component Active Installations IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		

ARMY

IRP Sites and MRSs by Classification						Study	10,275	554	590	397	0	0	\$2,080,587	\$109,905	\$42,023	\$41,097	\$60,231	\$73,763	\$7,099	\$27,967	FY12	\$139,817	\$95,645	
Response Complete	9,918	Response Complete	552			IRA	855(1272)	14(17)	40(43)	15(18)			\$919,453	\$25,148	\$18,715	\$10,994	\$5,565	\$1,711	\$2,355	\$2,367	FY13	\$102,210	\$144,358	
High	89	MRSPP-1	0	MRSPP-7	7	Design	918	1	181	14	62	188	\$192,144	\$0	\$60	\$0	\$913	\$0	\$1,645	\$2,257	FY14	\$70,039	\$197,549	
Medium	199	MRSPP-2	15	MRSPP-8	2	RA-C	1,612	3	290	16	148	200	\$2,854,869	\$3,107	\$140,847	\$2,809	\$63,803	\$1,624	\$81,478	\$12,578	FY15	\$73,837	\$194,954	
Low	168	MRSPP-3	34	Evaluation Pending	201	RA-O	148	0	311	1	104	0	\$525,215	\$37	\$42,559	\$37	\$55,546	\$0	\$45,544	\$0	FY10-Comp. IRP		\$1,709,061	
Not Evaluated	269	MRSPP-4	53	No Known/Suspected	5	LTM	208	0	403	9	308	183	\$393,217	\$1,738	\$43,758	\$875	\$39,866	\$3,095	\$36,314	\$535	FY10-Comp. MMRP		\$1,320,311	
Not Required	222	MRSPP-5	60	No Longer Required	552																			
Total IRP Sites	10,865	MRSPP-6	22	Total MRSs	951								Total	\$6,965,485	\$139,935	\$287,962	\$55,812	\$225,924	\$80,193	\$174,435	\$45,704	FY10-Complete		\$3,029,372
Total Number of IRP Installations with Sites							1,121																	
Total Number of MMRP Installations with Sites							161																	

NAVY

IRP Sites and MRSs by Classification						Study	3,279	86	353	171	96	17	\$1,684,864	\$113,070	\$51,497	\$20,242	\$46,865	\$6,796	\$39,403	\$17,255	FY12	\$203,612	\$54,749	
Response Complete	2,204	Response Complete	21			IRA	859(1058)	6(6)	28(31)	2(2)			\$1,067,328	\$5,646	\$28,899	\$1,562	\$28,314	\$8,223	\$19,467	\$6,897	FY13	\$201,122	\$55,519	
High	168	MRSPP-1	0	MRSPP-7	6	Design	520	7	29	3	171	37	\$127,250	\$2,892	\$8,076	\$581	\$4,251	\$365	\$3,290	\$456	FY14	\$212,682	\$50,301	
Medium	154	MRSPP-2	4	MRSPP-8	29	RA-C	790	6	67	6	248	109	\$1,292,440	\$78,915	\$53,869	\$19,444	\$56,598	\$15,981	\$80,832	\$21,532	FY15	\$223,267	\$47,463	
Low	220	MRSPP-3	18	Evaluation Pending	144	RA-O	237	3	268	0	171	8	\$427,242	\$0	\$42,594	\$0	\$40,391	\$0	\$43,870	\$0	FY10-Comp. IRP		\$2,154,833	
Not Evaluated	35	MRSPP-4	18	No Known/Suspected	3	LTM	209	5	222	3	376	63	\$131,670	\$1,928	\$15,213	\$341	\$18,454	\$23	\$17,559	\$329	FY10-Comp. MMRP		\$712,651	
Not Required	947	MRSPP-5	24	No Longer Required	18																			
Total IRP Sites	3,728	MRSPP-6	10	Total MRSs	274								Total	\$4,730,794	\$202,451	\$200,148	\$42,170	\$194,873	\$31,388	\$204,421	\$46,469	FY10-Complete		\$2,867,484
Total Number of IRP Installations with Sites							203																	
Total Number of MMRP Installations with Sites							74																	

AIR FORCE

IRP Sites and MRSs by Classification						Study	4,979	174	314	344	1,100	84	\$2,490,395	\$127,922	\$62,143	\$64,722	\$58,449	\$90,819	\$7,007	\$68,400	FY12	\$247,072	\$230,058	
Response Complete	4,151	Response Complete	145			IRA	1357(1950)	4(4)	174(202)	44(44)			\$1,235,950	\$61,438	\$46,706	\$42,344	\$66,297	\$17,637	\$28,546	\$0	FY13	\$217,050	\$256,748	
High	9	MRSPP-1	0	MRSPP-7	20	Design	605	0	92	3	93	184	\$411,479	\$0	\$369	\$0	\$6,475	\$0	\$3,333	\$975	FY14	\$128,934	\$368,676	
Medium	245	MRSPP-2	4	MRSPP-8	55	RA-C	971	1	204	4	188	332	\$1,455,891	\$1,368	\$99,807	\$0	\$56,725	\$0	\$190,637	\$1,263	FY15	\$130,757	\$373,307	
Low	378	MRSPP-3	19	Evaluation Pending	279	RA-O	296	0	462	1	272	61	\$928,759	\$0	\$109,820	\$0	\$124,027	\$0	\$132,693	\$0	FY10-Comp. IRP		\$2,439,139	
Not Evaluated	1,110	MRSPP-4	18	No Known/Suspected	13	LTM	358	1	409	1	565	323	\$283,337	\$75	\$19,087	\$75	\$22,815	\$246	\$21,917	\$17	FY10-Comp. MMRP		\$1,815,923	
Not Required	500	MRSPP-5	46	No Longer Required	136																			
Total IRP Sites	6,393	MRSPP-6	12	Total MRSs	602								Total	\$6,805,811	\$190,803	\$337,932	\$107,141	\$334,788	\$108,702	\$384,133	\$70,655	FY10-Complete		\$4,255,062
Total Number of IRP Installations with Sites							293																	
Total Number of MMRP Installations with Sites							88																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-3 Status of DoD Component Active Installations IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
DEFENSE LOGISTICS AGENCY																											
IRP Sites and MRSs by Classification										Study	343	0	4	0	0	0	\$92,412	\$0	\$883	\$0	\$377	\$0	\$0	\$0	FY12	\$5,690	\$0
Response Complete	327	Response Complete	0				IRA	65(83)	0(0)	0(0)	0(0)					\$14,099	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,187	\$0	
High	3	MRSPP-1	0	MRSPP-7	0		Design	95	0	2	0	3	0			\$21,709	\$0	\$125	\$0	\$55	\$0	\$474	\$0	FY14	\$2,649	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0		RA-C	153	0	2	0	5	0			\$149,303	\$0	\$172	\$0	\$0	\$0	\$75	\$0	FY15	\$2,440	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	0		RA-O	31	0	12	0	4	0			\$81,896	\$0	\$4,131	\$0	\$4,571	\$0	\$3,514	\$0	FY10-Comp. IRP	\$118,546		
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0		LTM	23	0	16	0	21	0			\$2,270	\$0	\$442	\$0	\$136	\$0	\$118	\$0	FY10-Comp. MMRP	\$0		
Not Required	13	MRSPP-5	0	No Longer Required	0																						
Total IRP Sites	347	MRSPP-6	0	Total MRSs	0											Total	\$361,689	\$0	\$5,753	\$0	\$5,139	\$0	\$4,181	\$0	FY10-Complete	\$118,546	
Total Number of IRP Installations with Sites																5											
Total Number of MMRP Installations with Sites																0											

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-4 Status of DoD Component Closing Installations IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

ARMY

IRP Sites and MRSs by Classification										Study	1,858	100	152	85	0	0	\$608,485	\$125,232	\$7,105	\$35,424	\$7,406	\$11,938	\$2,366	\$8,593	FY12	\$42,771	\$64,031	
Response Complete	1,782	Response Complete	95							IRA	219(268)	14(17)	6(6)	5(6)			\$52,853	\$24,038	\$0	\$24	\$2,054	\$36,269	\$818	\$22	FY13	\$49,914	\$47,690	
High	66	MRSPP-1	0	MRSPP-7	2					Design	349	4	15	1	48	32	\$98,973	\$21,009	\$1,438	\$0	\$2,730	\$735	\$922	\$39	FY14	\$32,181	\$99,181	
Medium	33	MRSPP-2	3	MRSPP-8	1					RA-C	514	15	32	3	91	52	\$1,059,097	\$181,037	\$10,614	\$7,154	\$17,921	\$41,713	\$12,994	\$11,471	FY15	\$32,340	\$92,414	
Low	73	MRSPP-3	15	Evaluation Pending	41					RA-O	32	1	56	0	20	1	\$97,483	\$525	\$15,979	\$0	\$30,583	\$0	\$16,141	\$0	FY10-Comp. IRP		\$734,980	
Not Evaluated	8	MRSPP-4	4	No Known/Suspected	3					LTM	42	2	81	13	108	52	\$97,251	\$11,576	\$3,326	\$379	\$28,485	\$1,081	\$6,162	\$696	FY10-Comp. MMRP		\$781,149	
Not Required	48	MRSPP-5	16	No Longer Required	95																							
Total IRP Sites	2,010	MRSPP-6	5	Total MRSs	185					Total	\$2,014,142	\$363,417	\$38,462	\$42,981	\$89,179	\$91,736	\$39,403	\$20,821	\$39,403	\$20,821	\$39,403	\$20,821	\$39,403	\$20,821	FY10-Complete		\$1,516,129	
Total Number of IRP Installations with Sites											132																	
Total Number of MMRP Installations with Sites											40																	

NAVY

IRP Sites and MRSs by Classification										Study	1,045	16	86	17	4	1	\$945,174	\$19,527	\$26,756	\$3,953	\$15,611	\$7,382	\$4,513	\$5,548	FY12	\$86,245	\$28,177	
Response Complete	803	Response Complete	7							IRA	0(0)	0(0)	0(0)	0(0)			\$714,353	\$11,680	\$125,795	\$11,114	\$47,914	\$5,507	\$22,743	\$0	FY13	\$65,042	\$7,420	
High	53	MRSPP-1	0	MRSPP-7	0					Design	236	0	33	0	42	12	\$70,181	\$0	\$4,664	\$0	\$3,788	\$1,273	\$6,527	\$99	FY14	\$63,586	\$2,252	
Medium	28	MRSPP-2	0	MRSPP-8	2					RA-C	353	2	60	7	47	9	\$943,588	\$39,565	\$34,941	\$5,864	\$89,816	\$8,592	\$64,635	\$25,891	FY15	\$56,759	\$2,473	
Low	17	MRSPP-3	3	Evaluation Pending	10					RA-O	50	3	58	0	40	1	\$183,390	\$3,589	\$11,329	\$0	\$17,996	\$0	\$11,025	\$0	FY10-Comp. IRP		\$1,116,394	
Not Evaluated	31	MRSPP-4	7	No Known/Suspected	2					LTM	100	0	66	1	57	13	\$105,305	\$0	\$5,502	\$0	\$7,540	\$200	\$3,529	\$42	FY10-Comp. MMRP		\$126,717	
Not Required	203	MRSPP-5	0	No Longer Required	5																							
Total IRP Sites	1,135	MRSPP-6	5	Total MRSs	34					Total	\$2,961,991	\$74,361	\$208,987	\$20,931	\$182,665	\$22,954	\$112,972	\$31,580	\$112,972	\$31,580	\$112,972	\$31,580	\$112,972	\$31,580	FY10-Complete		\$1,243,111	
Total Number of IRP Installations with Sites											61																	
Total Number of MMRP Installations with Sites											10																	

AIR FORCE

IRP Sites and MRSs by Classification										Study	1,481	111	336	14	0	0	\$776,065	\$3,221	\$20,766	\$1,361	\$13,492	\$46	\$3,289	\$216	FY12	\$92,076	\$4	
Response Complete	1,282	Response Complete	104							IRA	832(1232)	0(0)	206(210)	0(0)			\$393,017	\$0	\$2,914	\$0	\$5,552	\$0	\$2,603	\$0	FY13	\$105,298	\$4	
High	99	MRSPP-1	0	MRSPP-7	0					Design	115	0	9	0	290	0	\$123,891	\$0	\$0	\$0	\$9,640	\$0	\$12,241	\$0	FY14	\$107,751	\$6	
Medium	53	MRSPP-2	0	MRSPP-8	0					RA-C	173	19	9	0	331	1	\$699,828	\$0	\$21,840	\$0	\$7,212	\$0	\$11,225	\$0	FY15	\$113,885	\$8	
Low	21	MRSPP-3	0	Evaluation Pending	21					RA-O	97	0	157	0	64	1	\$553,856	\$0	\$41,442	\$0	\$49,664	\$0	\$57,737	\$2,221	FY10-Comp. IRP		\$915,082	
Not Evaluated	204	MRSPP-4	0	No Known/Suspected	0					LTM	61	0	279	7	286	1	\$88,089	\$604	\$7,556	\$3	\$8,010	\$5	\$17,731	\$4	FY10-Comp. MMRP		\$2,759	
Not Required	158	MRSPP-5	0	No Longer Required	104																							
Total IRP Sites	1,817	MRSPP-6	0	Total MRSs	125					Total	\$2,634,746	\$3,825	\$94,518	\$1,364	\$93,570	\$51	\$104,826	\$2,441	\$104,826	\$2,441	\$104,826	\$2,441	\$104,826	\$2,441	FY10-Complete		\$917,841	
Total Number of IRP Installations with Sites											32																	
Total Number of MMRP Installations with Sites											26																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-4 Status of DoD Component Closing Installations IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)							
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP					
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP								
DEFENSE LOGISTICS AGENCY																						
IRP Sites and MRSs by Classification				Study	164	0	0	0	0	0	\$18,065	\$0	\$400	\$0	\$47	\$0	\$19	\$0	FY12	\$2,412	\$0	
Response Complete	157	Response Complete	0	IRA	26(31)	0(0)	0(0)	0(0)			\$6,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,443	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	\$17,242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,431	\$0	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	28	0	5	0	\$36,902	\$0	\$75	\$0	\$0	\$0	\$0	\$0	FY15	\$1,728	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	7	0	\$26,244	\$0	\$2,965	\$0	\$3,291	\$0	\$2,601	\$0	FY10-Comp. IRP		\$18,315	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	21	0	\$880	\$0	\$101	\$0	\$21	\$0	\$21	\$0	FY10-Comp. MMRP		\$0	
Not Required	2	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	164	MRSPP-6	0	Total MRSs	0						Total	\$105,786	\$0	\$3,541	\$0	\$3,359	\$0	\$2,641	\$0	FY10-Complete		\$18,315
Total Number of IRP Installations with Sites																		2				
Total Number of MMRP Installations with Sites																		0				

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alabama

Active Installations

IRP Sites and MRSs by Classification				Study	541	25	149	19	2	0	\$175,390	\$3,762	\$4,195	\$1,107	\$2,614	\$1,364	\$2,427	\$264	FY12	\$40,630	\$1,107			
Response Complete	506	Response Complete	25	IRA	14(17)	1(1)	17(17)	0			\$30,566	\$1,254	\$153	\$63	\$144	\$0	\$56	\$0	FY13	\$14,176	\$3,141			
High	5	MRSPP-1	0	MRSPP-7	1	Design	34	0	41	2	8	11	\$8,824	\$0	\$0	\$0	\$0	\$0	\$102	FY14	\$11,967	\$1,598		
Medium	56	MRSPP-2	0	MRSPP-8	0	RA-C	84	0	64	2	30	12	\$113,689	\$0	\$54,854	\$0	\$7,381	\$45	\$3,822	\$0	FY15	\$6,786	\$2,791	
Low	68	MRSPP-3	5	Evaluation Pending	3	RA-O	13	0	35	0	32	0	\$34,392	\$0	\$6,012	\$0	\$5,555	\$0	\$3,167	\$0	FY10-Comp. IRP	\$175,079		
Not Evaluated	29	MRSPP-4	4	No Known/Suspected	0	LTM	9	0	21	0	61	12	\$5,401	\$0	\$25	\$0	\$460	\$30	\$158	\$0	FY10-Comp. MMRP	\$14,057		
Not Required	28	MRSPP-5	4	No Longer Required	25																			
Total IRP Sites	692	MRSPP-6	2	Total MRSs	44								Total	\$368,262	\$5,016	\$65,239	\$1,170	\$16,154	\$1,439	\$9,630	\$366	FY10-Complete	\$189,136	
Total Number of IRP Installations with Sites																44								
Total Number of MMRP Installations with Sites																5								

BRAC Installations

IRP Sites and MRSs by Classification				Study	155	6	9	1	0	0	\$158,300	\$11,966	\$839	\$0	\$397	\$0	\$1,147	\$0	FY12	\$3,160	\$0			
Response Complete	155	Response Complete	6	IRA	27(33)	2(4)	1(1)	1(1)			\$4,822	\$6,499	\$0	\$0	\$440	\$0	\$0	\$0	\$0	FY13	\$7,116	\$0		
High	4	MRSPP-1	0	MRSPP-7	0	Design	4	0	1	0	0	\$3,478	\$363	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$11,121	\$0		
Medium	5	MRSPP-2	1	MRSPP-8	0	RA-C	8	2	1	0	4	1	\$63,299	\$26,218	\$0	\$0	\$3,000	\$0	\$0	FY15	\$4,243	\$4,319		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$130	\$0	FY10-Comp. IRP	\$166,256			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	4	3	1	1	\$815	\$104	\$0	\$0	\$20,030	\$0	\$3,073	\$86	FY10-Comp. MMRP	\$75,730		
Not Required	0	MRSPP-5	0	No Longer Required	6																			
Total IRP Sites	164	MRSPP-6	0	Total MRSs	7								Total	\$230,714	\$45,150	\$839	\$0	\$20,867	\$3,000	\$4,350	\$86	FY10-Complete	\$241,986	
Total Number of IRP Installations with Sites																3								
Total Number of MMRP Installations with Sites																1								

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	29	4	3	9	3	0	\$14,341	\$10,248	\$98	\$467	\$291	\$2,528	\$1,168	\$1,490	FY12	\$1,244	\$1,791			
Response Complete	27	Response Complete	4	IRA	4(4)	0	0	0			\$2,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,461	\$1,498		
High	3	MRSPP-1	0	MRSPP-7	0	Design	17	1	3	0	0	8	\$950	\$9	\$44	\$9	\$22	\$0	\$55	\$0	FY14	\$2,326	\$1,643	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	18	0	1	1	5	8	\$7,607	\$25,076	\$0	\$5,688	\$458	\$4,153	\$597	\$1,439	FY15	\$1,747	\$1,817	
Low	0	MRSPP-3	0	Evaluation Pending	9	RA-O	1	0	0	0	2	0	\$16	\$0	\$16	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$15,771		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	6	2	2	0	4	4	\$178	\$16	\$103	\$0	\$202	\$0	\$0	\$0	FY10-Comp. MMRP	\$51,199		
Not Required	5	MRSPP-5	0	No Longer Required	4																			
Total IRP Sites	35	MRSPP-6	0	Total MRSs	13								Total	\$25,720	\$35,349	\$261	\$6,164	\$973	\$6,681	\$1,820	\$2,929	FY10-Complete	\$66,970	
Total Number of IRP Installations with Sites																16								
Total Number of MMRP Installations with Sites																12								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alaska

Active Installations

IRP Sites and MRSs by Classification					Study	873	115	92	154	108	7	\$289,010	\$17,286	\$13,299	\$1,727	\$18,523	\$17,330	\$537	\$17,060	FY12	\$24,521	\$29,708
Response Complete	662	Response Complete	115		IRA	231(341)	0	9(10)	1(1)			\$80,879	\$341	\$143	\$0	\$4,956	\$0	\$922	\$0	FY13	\$12,516	\$35,832
High	1	MRSPP-1	0	MRSPP-7	Design	85	0	1	0	1	13	\$29,711	\$0	\$206	\$0	\$0	\$0	\$228	\$873	FY14	\$7,183	\$55,572
Medium	51	MRSPP-2	0	MRSPP-8	RA-C	226	0	76	0	55	32	\$345,988	\$0	\$36,619	\$0	\$35,083	\$0	\$28,198	\$0	FY15	\$8,280	\$22,094
Low	119	MRSPP-3	1	Evaluation Pending	RA-O	36	0	90	0	28	7	\$100,744	\$0	\$14,058	\$0	\$8,349	\$0	\$7,078	\$0	FY10-Comp. IRP		\$234,769
Not Evaluated	141	MRSPP-4	4	No Known/Suspected	LTM	45	0	36	0	55	31	\$33,721	\$0	\$746	\$0	\$970	\$0	\$820	\$0	FY10-Comp. MMRP		\$231,379
Not Required	99	MRSPP-5	6	No Longer Required																FY10-Complete		\$466,148
Total IRP Sites	1,073	MRSPP-6	2	Total MRSs								\$880,053	\$17,627	\$65,071	\$1,727	\$67,881	\$17,330	\$37,783	\$17,933			
Total Number of IRP Installations with Sites						88																
Total Number of MMRP Installations with Sites						59																

BRAC Installations

IRP Sites and MRSs by Classification					Study	135	1	7	1	0	0	\$36,512	\$554	\$0	\$0	\$807	\$0	\$0	\$0	FY12	\$861	\$23,940
Response Complete	122	Response Complete	0		IRA	1(1)	0	0	0			\$2,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,841	\$5,462
High	1	MRSPP-1	0	MRSPP-7	Design	45	0	0	0	14	0	\$3,525	\$0	\$0	\$0	\$3,303	\$0	\$0	\$0	FY14	\$2,275	\$106
Medium	0	MRSPP-2	0	MRSPP-8	RA-C	89	0	2	1	14	0	\$165,899	\$26,692	\$2,348	\$4,924	\$6,161	\$3,392	\$1,242	\$22,447	FY15	\$2,256	\$106
Low	0	MRSPP-3	0	Evaluation Pending	RA-O	6	0	2	0	15	1	\$39,742	\$0	\$3,354	\$0	\$566	\$0	\$15,617	\$0	FY10-Comp. IRP		\$112,838
Not Evaluated	15	MRSPP-4	0	No Known/Suspected	LTM	36	0	0	0	3	0	\$5,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$55,553
Not Required	4	MRSPP-5	0	No Longer Required																FY10-Complete		\$168,391
Total IRP Sites	142	MRSPP-6	0	Total MRSs								\$252,754	\$27,246	\$5,702	\$4,924	\$10,837	\$3,392	\$16,859	\$22,447			
Total Number of IRP Installations with Sites						3																
Total Number of MMRP Installations with Sites						2																

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	223	8	21	7	25	5	\$89,031	\$12,302	\$2,222	\$2,397	\$6,263	\$2,178	\$5,714	\$6,864	FY12	\$37,457	\$6,695
Response Complete	184	Response Complete	8		IRA	11(11)	0	0	0			\$10,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$40,109	\$10,645
High	31	MRSPP-1	0	MRSPP-7	Design	158	1	17	0	36	11	\$36,569	\$30	\$231	\$0	\$474	\$50	\$363	\$0	FY14	\$45,592	\$5,912
Medium	15	MRSPP-2	0	MRSPP-8	RA-C	137	3	28	0	48	11	\$399,287	\$551	\$21,879	\$8	\$28,001	\$0	\$24,769	\$0	FY15	\$52,543	\$2,549
Low	1	MRSPP-3	0	Evaluation Pending	RA-O	3	0	2	0	3	0	\$7,791	\$0	\$43	\$0	\$900	\$0	\$945	\$0	FY10-Comp. IRP		\$652,637
Not Evaluated	3	MRSPP-4	1	No Known/Suspected	LTM	118	4	19	0	42	11	\$10,745	\$103	\$1,290	\$1	\$1,962	\$0	\$3,212	\$0	FY10-Comp. MMRP		\$607,539
Not Required	35	MRSPP-5	1	No Longer Required																FY10-Complete		\$1,260,176
Total IRP Sites	269	MRSPP-6	0	Total MRSs								\$553,660	\$12,986	\$25,665	\$2,406	\$37,600	\$2,228	\$35,003	\$6,864			
Total Number of IRP Installations with Sites						118																
Total Number of MMRP Installations with Sites						14																

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
American Samoa																											
◀ Formerly Used Defense Sites																											
IRP Sites and MRSs by Classification										Study	5	0	0	2	1	0	\$351	\$230	\$0	\$138	\$0	\$188	\$0	\$658	FY12	\$159	\$0
Response Complete	3	Response Complete	0							IRA	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$148	\$0
High	0	MRSPP-1	0	MRSPP-7	0					Design	1	0	0	0	2	\$303	\$0	\$0	\$0	\$0	\$0	\$28	\$0	FY14	\$148	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0					RA-C	3	0	0	0	2	\$527	\$0	\$0	\$0	\$0	\$0	\$181	\$0	FY15	\$78	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	2					RA-O	3	0	0	0	0	\$493	\$0	\$1	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,075	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0					LTM	2	0	1	0	0	\$546	\$0	\$20	\$0	\$185	\$0	\$148	\$0	FY10-Comp. MMRP		\$5,859	
Not Required	3	MRSPP-5	0	No Longer Required	0																						
Total IRP Sites	6	MRSPP-6	0	Total MRSs	2					Total						\$2,220	\$230	\$21	\$138	\$185	\$188	\$357	\$658	FY10-Complete		\$6,934	
Total Number of IRP Installations with Sites											5																
Total Number of MMRP Installations with Sites											2																

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

Active Installations

IRP Sites and MRSs by Classification				Study	411	22	4	23	4	0	\$82,356	\$6,181	\$0	\$561	\$817	\$2,288	\$0	\$4,518	FY12	\$8,627	\$4,258
Response Complete	383	Response Complete	20	IRA	66(80)	0	4(4)	0			\$24,863	\$0	\$515	\$0	\$0	\$0	\$0	\$0	FY13	\$5,700	\$11,207
High	0	MRSPP-1	0	MRSPP-7	0						\$19,948	\$0	\$0	\$0	\$0	\$155	\$0	\$0	FY14	\$3,648	\$12,153
Medium	1	MRSPP-2	0	MRSPP-8	4						\$49,127	\$697	\$0	\$697	\$239	\$0	\$10,353	\$0	FY15	\$2,870	\$5,207
Low	1	MRSPP-3	1	Evaluation Pending	14						\$71,986	\$0	\$5,189	\$0	\$5,181	\$0	\$4,678	\$0	FY10-Comp. IRP		\$77,320
Not Evaluated	11	MRSPP-4	1	No Known/Suspected	0						\$9,764	\$0	\$304	\$0	\$233	\$0	\$399	\$0	FY10-Comp. MMRP		\$55,819
Not Required	23	MRSPP-5	3	No Longer Required	20														FY10-Complete		\$133,139
Total IRP Sites	419	MRSPP-6	2	Total MRSs	45						Total	\$258,044	\$6,878	\$6,008	\$1,258	\$6,470	\$2,288	\$15,585	\$4,518		
Total Number of IRP Installations with Sites																21					
Total Number of MMRP Installations with Sites																8					

BRAC Installations

IRP Sites and MRSs by Classification				Study	31	3	2	0	0	0	\$18,320	\$0	\$455	\$0	\$218	\$0	\$0	\$0	FY12	\$5,146	\$0
Response Complete	30	Response Complete	3	IRA	29(33)	0	2(2)	0			\$4,414	\$0	\$455	\$0	\$207	\$0	\$0	\$0	FY13	\$5,491	\$0
High	1	MRSPP-1	0	MRSPP-7	0						\$2,603	\$0	\$0	\$0	\$309	\$0	\$0	\$0	FY14	\$2,176	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0						\$26,136	\$0	\$562	\$0	\$1,813	\$0	\$1,637	\$0	FY15	\$1,513	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0						\$12,322	\$0	\$1,840	\$0	\$4	\$0	\$6,963	\$0	FY10-Comp. IRP		\$57,376
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0						\$7,075	\$0	\$3,025	\$0	\$3,374	\$0	\$9,368	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	3														FY10-Complete		\$57,376
Total IRP Sites	33	MRSPP-6	0	Total MRSs	3						Total	\$70,870	\$0	\$6,337	\$0	\$5,925	\$0	\$17,968	\$0		
Total Number of IRP Installations with Sites																1					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	25	32	0	56	0	0	\$3,143	\$10,456	\$0	\$2,705	\$0	\$1,868	\$0	\$748	FY12	\$2,139	\$60
Response Complete	23	Response Complete	32	IRA	1(1)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$62	\$0
High	0	MRSPP-1	0	MRSPP-7	1						\$926	\$0	\$17	\$0	\$192	\$0	\$0	\$0	FY14	\$224	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0						\$11,942	\$81	\$0	\$4	\$0	\$0	\$2,208	\$0	FY15	\$184	\$418
Low	1	MRSPP-3	0	Evaluation Pending	49						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$7,086
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$374	\$0	\$1	\$0	\$10	\$0	\$209	\$0	FY10-Comp. MMRP		\$1,107,980
Not Required	0	MRSPP-5	4	No Longer Required	32														FY10-Complete		\$1,115,066
Total IRP Sites	25	MRSPP-6	2	Total MRSs	88						Total	\$16,385	\$10,537	\$18	\$2,709	\$202	\$1,868	\$2,208	\$957		
Total Number of IRP Installations with Sites																19					
Total Number of MMRP Installations with Sites																73					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arkansas

Active Installations

IRP Sites and MRSs by Classification				Study	266	2	0	3	6	0	\$21,277	\$913	\$0	\$0	\$0	\$6,076	\$0	\$10,935	FY12	\$565	\$10,312
Response Complete	262	Response Complete	2	IRA	18(22)	0	0	0			\$6,678	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$722	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	24	0	0	0	\$428	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,100	\$1,282
Medium	0	MRSPP-2	2	MRSPP-8	0	RA-C	45	0	1	0	\$17,058	\$488	\$1,220	\$0	\$78	\$0	\$0	\$0	FY15	\$625	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	3	0	\$3,669	\$0	\$779	\$0	\$306	\$0	\$2,937	\$0	FY10-Comp. IRP		\$21,005
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	9	0	14	0	\$6,781	\$0	\$558	\$0	\$379	\$0	\$833	\$0	FY10-Comp. MMRP		\$32,353
Not Required	3	MRSPP-5	0	No Longer Required	2																
Total IRP Sites	272	MRSPP-6	0	Total MRSs	5						Total	\$55,891	\$1,401	\$2,557	\$0	\$763	\$6,076	\$3,770	\$10,935	FY10-Complete	\$53,358
Total Number of IRP Installations with Sites																30					
Total Number of MMRP Installations with Sites																2					

BRAC Installations

IRP Sites and MRSs by Classification				Study	50	10	0	0	0	0	\$25,041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$59	\$0
Response Complete	46	Response Complete	10	IRA	16(17)	0	0	0			\$5,098	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$103	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	\$1,243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$120	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	18	1	0	0	\$23,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$245	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	4	0	\$953	\$0	\$79	\$0	\$84	\$0	\$64	\$0	FY10-Comp. IRP		\$1,670
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	14	0	\$3,925	\$0	\$9	\$0	\$90	\$0	\$7	\$0	FY10-Comp. MMRP		\$0
Not Required	4	MRSPP-5	0	No Longer Required	10																
Total IRP Sites	50	MRSPP-6	0	Total MRSs	10						Total	\$59,748	\$0	\$88	\$0	\$174	\$0	\$71	\$0	FY10-Complete	\$1,670
Total Number of IRP Installations with Sites																2					
Total Number of MMRP Installations with Sites																2					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	16	6	0	4	1	0	\$3,455	\$13,251	\$0	\$1,335	\$0	\$661	\$0	\$932	FY12	\$0	\$1,092
Response Complete	16	Response Complete	6	IRA	0	1(1)	0	0			\$1,266	\$1	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$211
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	1	\$149	\$0	\$0	\$0	\$45	\$0	\$0	\$0	FY14	\$0	\$1,288
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	1	1	2	\$1,418	\$10,444	\$24	\$78	\$32	\$15	\$0	\$0	FY15	\$0	\$319
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$100
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2	LTM	6	1	0	0	\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$103,341
Not Required	1	MRSPP-5	0	No Longer Required	4																
Total IRP Sites	17	MRSPP-6	0	Total MRSs	10						Total	\$6,314	\$23,696	\$24	\$1,413	\$32	\$721	\$0	\$932	FY10-Complete	\$103,441
Total Number of IRP Installations with Sites																11					
Total Number of MMRP Installations with Sites																8					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

Active Installations

IRP Sites and MRSs by Classification						Study	2077	48	219	143	297	12	\$1,011,932	\$38,168	\$34,636	\$12,839	\$32,070	\$49,894	\$12,958	\$17,828	FY12	\$128,430	\$71,200	
Response Complete	1,671	Response Complete	35			IRA	430(588)	1(1)	96(111)	12(12)			\$610,492	\$34,277	\$44,889	\$30,428	\$48,526	\$17,637	\$31,476	\$0	FY13	\$104,338	\$102,318	
High	69	MRSPP-1	0	MRSPP-7	11	Design	227	1	29	0	57	84	\$79,354	\$0	\$3,259	\$0	\$3,606	\$0	\$1,634	\$1,313	FY14	\$79,911	\$186,938	
Medium	91	MRSPP-2	0	MRSPP-8	33	RA-C	420	1	65	0	111	122	\$504,081	\$0	\$18,277	\$0	\$55,505	\$243	\$119,344	\$1,411	FY15	\$87,965	\$222,302	
Low	187	MRSPP-3	14	Evaluation Pending	59	RA-O	111	0	73	0	117	7	\$251,682	\$0	\$18,163	\$0	\$30,418	\$0	\$30,863	\$0	FY10-Comp. IRP		\$1,260,992	
Not Evaluated	291	MRSPP-4	16	No Known/Suspected	0	LTM	94	1	79	1	243	109	\$75,879	\$252	\$11,576	\$245	\$10,077	\$0	\$8,778	\$390	FY10-Comp. MMRP		\$1,040,832	
Not Required	284	MRSPP-5	33	No Longer Required	35																			
Total IRP Sites	2,593	MRSPP-6	2	Total MRSs	203								Total	\$2,533,420	\$72,697	\$130,800	\$43,512	\$180,202	\$67,774	\$205,053	\$20,942	FY10-Complete		\$2,301,824
Total Number of IRP Installations with Sites												114												
Total Number of MMRP Installations with Sites												30												

BRAC Installations

IRP Sites and MRSs by Classification						Study	1043	42	336	31	1	1	\$1,027,215	\$111,289	\$33,760	\$34,328	\$21,148	\$7,013	\$4,498	\$4,879	FY12	\$162,317	\$13,867	
Response Complete	925	Response Complete	28			IRA	445(749)	0	200(201)	0			\$772,587	\$12,680	\$125,021	\$11,114	\$51,040	\$4,300	\$25,129	\$0	FY13	\$160,660	\$7,787	
High	134	MRSPP-1	0	MRSPP-7	0	Design	166	0	31	1	293	8	\$114,907	\$11,328	\$4,469	\$0	\$8,032	\$1,232	\$18,131	\$99	FY14	\$161,327	\$14,191	
Medium	64	MRSPP-2	1	MRSPP-8	1	RA-C	202	2	48	7	303	9	\$1,139,882	\$118,098	\$27,919	\$5,943	\$81,655	\$24,406	\$75,430	\$11,112	FY15	\$158,498	\$12,776	
Low	32	MRSPP-3	8	Evaluation Pending	26	RA-O	72	0	53	0	31	1	\$350,322	\$0	\$24,672	\$0	\$43,913	\$0	\$13,958	\$2,221	FY10-Comp. IRP		\$1,594,592	
Not Evaluated	146	MRSPP-4	7	No Known/Suspected	2	LTM	81	0	72	4	215	24	\$127,203	\$8,570	\$4,272	\$311	\$2,367	\$485	\$3,227	\$385	FY10-Comp. MMRP		\$307,922	
Not Required	79	MRSPP-5	0	No Longer Required	26																			
Total IRP Sites	1,380	MRSPP-6	3	Total MRSs	74								Total	\$3,532,116	\$261,965	\$220,113	\$51,696	\$208,155	\$37,436	\$140,373	\$18,696	FY10-Complete		\$1,902,514
Total Number of IRP Installations with Sites												35												
Total Number of MMRP Installations with Sites												15												

Formerly Used Defense Sites

IRP Sites and MRSs by Classification						Study	232	91	49	161	107	0	\$85,216	\$54,954	\$8,551	\$6,334	\$5,339	\$5,944	\$13,163	\$5,542	FY12	\$27,461	\$11,491	
Response Complete	171	Response Complete	88			IRA	4(4)	3(3)	0	1(1)			\$528	\$3,957	\$0	\$21	\$0	\$0	\$0	\$0	FY13	\$26,499	\$12,659	
High	8	MRSPP-1	0	MRSPP-7	0	Design	108	3	18	1	77	146	\$19,630	\$296	\$575	\$0	\$373	\$50	\$815	\$206	FY14	\$26,393	\$11,209	
Medium	3	MRSPP-2	1	MRSPP-8	0	RA-C	106	6	32	2	87	147	\$114,910	\$8,924	\$14,707	\$59	\$14,042	\$1,200	\$4,931	\$5,000	FY15	\$24,095	\$16,681	
Low	11	MRSPP-3	0	Evaluation Pending	141	RA-O	3	0	1	0	25	0	\$6,742	\$0	\$524	\$0	\$387	\$0	\$519	\$0	FY10-Comp. IRP		\$225,393	
Not Evaluated	102	MRSPP-4	4	No Known/Suspected	4	LTM	71	10	9	3	33	129	\$7,961	\$2,998	\$689	\$183	\$1,559	\$381	\$1,944	\$166	FY10-Comp. MMRP		\$2,196,897	
Not Required	93	MRSPP-5	10	No Longer Required	84																			
Total IRP Sites	388	MRSPP-6	8	Total MRSs	252								Total	\$234,987	\$71,129	\$25,046	\$6,597	\$21,700	\$7,575	\$21,372	\$10,914	FY10-Complete		\$2,422,290
Total Number of IRP Installations with Sites												258												
Total Number of MMRP Installations with Sites												239												

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP					Fiscal Year	IRP	MMRP
	Sites (Actions)												

Colorado

Active Installations

IRP Sites and MRSs by Classification				Study	428	28	25	5	30	8	\$263,623	\$10,488	\$2,385	\$3,107	\$3,039	\$3,836	\$720	\$747	FY12	\$14,785	\$1,104			
Response Complete	392	Response Complete	15	IRA	86(97)	1(1)	6(7)	14(14)			\$372,342	\$1,655	\$1,118	\$0	\$1,342	\$0	\$0	\$0	FY13	\$11,398	\$0			
High	0	MRSPP-1	0	MRSPP-7	3	Design	131	0	17	0	2	0	\$18,704	\$0	\$60	\$0	\$0	\$144	\$0	FY14	\$10,072	\$0		
Medium	11	MRSPP-2	1	MRSPP-8	4	RA-C	134	0	27	0	2	0	\$969,626	\$11	\$36,961	\$0	\$3,796	\$0	\$2,042	\$0	FY15	\$8,119	\$0	
Low	23	MRSPP-3	0	Evaluation Pending	10	RA-O	8	0	29	0	6	2	\$88,491	\$0	\$3,113	\$0	\$3,002	\$0	\$5,564	\$0	FY10-Comp. IRP	\$221,759		
Not Evaluated	41	MRSPP-4	1	No Known/Suspected	0	LTM	16	0	30	0	20	14	\$169,387	\$0	\$21,740	\$0	\$23,491	\$246	\$16,795	\$0	FY10-Comp. MMRP	\$6,224		
Not Required	16	MRSPP-5	6	No Longer Required	15																			
Total IRP Sites	483	MRSPP-6	1	Total MRSs	41								Total	\$1,882,173	\$12,154	\$65,377	\$3,107	\$34,670	\$4,082	\$25,265	\$747	FY10-Complete	\$227,983	
Total Number of IRP Installations with Sites																18								
Total Number of MMRP Installations with Sites																5								

BRAC Installations

IRP Sites and MRSs by Classification				Study	68	7	11	12	0	0	\$77,798	\$417	\$0	\$0	\$1,068	\$84	\$123	\$309	FY12	\$11,773	\$691			
Response Complete	59	Response Complete	7	IRA	13(18)	9(10)	0	2(2)			\$15,637	\$119	\$0	\$24	\$0	\$44	\$0	\$22	FY13	\$2,599	\$4,276			
High	11	MRSPP-1	0	MRSPP-7	0	Design	10	0	5	0	10	5	\$20,527	\$25	\$32	\$0	\$84	\$0	\$138	\$0	FY14	\$932	\$6,041	
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	23	3	8	0	10	12	\$101,134	\$121	\$4,668	\$0	\$3,191	\$0	\$1,450	\$0	FY15	\$4,797	\$11,662	
Low	1	MRSPP-3	0	Evaluation Pending	11	RA-O	3	0	4	0	4	0	\$43,103	\$25	\$3,291	\$0	\$3,301	\$0	\$5,692	\$0	FY10-Comp. IRP	\$57,948		
Not Evaluated	2	MRSPP-4	1	No Known/Suspected	0	LTM	4	1	3	0	4	2	\$9,874	\$625	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$30,255		
Not Required	0	MRSPP-5	0	No Longer Required	7																			
Total IRP Sites	79	MRSPP-6	0	Total MRSs	19								Total	\$268,073	\$1,332	\$7,991	\$24	\$7,644	\$128	\$7,403	\$331	FY10-Complete	\$88,203	
Total Number of IRP Installations with Sites																4								
Total Number of MMRP Installations with Sites																2								

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	27	8	3	7	0	0	\$11,748	\$18,126	\$481	\$449	\$828	\$647	\$153	\$780	FY12	\$4,835	\$8,520			
Response Complete	21	Response Complete	7	IRA	6(6)	2(2)	0	0			\$1,111	\$3,623	\$0	\$139	\$0	\$0	\$0	\$0	FY13	\$1,422	\$8,500			
High	6	MRSPP-1	0	MRSPP-7	0	Design	14	0	2	0	3	6	\$918	\$0	\$75	\$0	\$1,264	\$0	\$323	\$0	FY14	\$3,537	\$8,500	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	3	1	1	5	6	\$7,007	\$94,245	\$1,193	\$7,008	\$3,484	\$8,000	\$600	\$8,000	FY15	\$3,679	\$5,900	
Low	0	MRSPP-3	0	Evaluation Pending	8	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$986	\$0	\$0	\$0	FY10-Comp. IRP	\$29,304		
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	6	6	0	0	7	6	\$47	\$13	\$3	\$12	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$777,185		
Not Required	2	MRSPP-5	0	No Longer Required	7																			
Total IRP Sites	30	MRSPP-6	0	Total MRSs	15								Total	\$20,831	\$116,007	\$1,752	\$7,608	\$6,562	\$8,647	\$1,076	\$8,780	FY10-Complete	\$806,489	
Total Number of IRP Installations with Sites																18								
Total Number of MMRP Installations with Sites																11								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Connecticut

Active Installations

IRP Sites and MRSs by Classification				Study	137	0	7	0	2	0	\$24,006	\$0	\$553	\$0	\$112	\$0	\$170	\$0	FY12	\$9,327	\$0	
Response Complete	111	Response Complete	0	IRA	14(18)	0	0	0			\$2,505	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,025	\$0	
High	5	MRSPP-1	0	MRSPP-7	0						\$5,372	\$0	\$310	\$0	\$57	\$0	\$0	\$0	FY14	\$4,785	\$0	
Medium	4	MRSPP-2	0	MRSPP-8	0						\$40,709	\$0	\$1,055	\$0	\$487	\$0	\$1,500	\$0	FY15	\$1,005	\$0	
Low	8	MRSPP-3	0	Evaluation Pending	0						\$6,104	\$0	\$326	\$0	\$0	\$0	\$1,164	\$0	FY10-Comp. IRP		\$44,668	
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0						\$1,167	\$0	\$206	\$0	\$393	\$0	\$431	\$0	FY10-Comp. MMRP		\$0	
Not Required	15	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	146	MRSPP-6	0	Total MRSs	0						\$79,863	\$0	\$2,450	\$0	\$1,049	\$0	\$3,265	\$0	FY10-Complete		\$44,668	
Total Number of IRP Installations with Sites					17																	
Total Number of MMRP Installations with Sites					0																	

BRAC Installations

IRP Sites and MRSs by Classification				Study	40	0	1	0	0	0	\$5,369	\$0	\$0	\$0	\$299	\$0	\$0	\$0	FY12	\$102	\$0	
Response Complete	38	Response Complete	0	IRA	1(1)	0	0	0			\$2,721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0						\$1,056	\$0	\$0	\$0	\$1,937	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0						\$9,177	\$0	\$0	\$0	\$0	\$0	\$210	\$0	FY15	\$0	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0						\$0	\$0	\$0	\$0	\$0	\$0	\$103	\$0	FY10-Comp. IRP		\$31,460	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0						\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	41	MRSPP-6	0	Total MRSs	0						\$18,533	\$0	\$0	\$0	\$2,236	\$0	\$313	\$0	FY10-Complete		\$31,460	
Total Number of IRP Installations with Sites					16																	
Total Number of MMRP Installations with Sites					0																	

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	18	7	0	1	0	0	\$253	\$176	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	18	Response Complete	7	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0						\$770	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0						\$2,260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$4,027	
Not Required	0	MRSPP-5	0	No Longer Required	7																	
Total IRP Sites	18	MRSPP-6	1	Total MRSs	8						\$3,283	\$176	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$4,027	
Total Number of IRP Installations with Sites					13																	
Total Number of MMRP Installations with Sites					8																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Delaware

Active Installations

IRP Sites and MRSs by Classification				Study	82	1	0	1	1	0	\$29,852	\$142	\$0	\$0	\$0	\$1,550	\$0	\$0	FY12	\$5,399	\$0		
Response Complete	57	Response Complete	1	IRA	17(25)	0	2(2)	0			\$11,188	\$0	\$181	\$0	\$6	\$0	\$0	\$0	FY13	\$2,998	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1	\$4,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,541	\$0		
Medium	2	MRSPP-2	0	MRSPP-8	1	RA-C	28	0	2	0	0	1	\$20,402	\$0	\$0	\$0	\$0	\$0	FY15	\$1,798	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	23	0	2	0	\$26,726	\$0	\$3,782	\$0	\$5,571	\$0	\$4,351	\$0	FY10-Comp. IRP	\$32,941	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	24	0	15	0	\$3,960	\$0	\$9	\$0	\$285	\$0	\$0	\$0	FY10-Comp. MMRP	\$3,326	
Not Required	23	MRSPP-5	0	No Longer Required	1																		
Total IRP Sites	83	MRSPP-6	0	Total MRSs	2								Total	\$96,364	\$142	\$3,972	\$0	\$5,862	\$1,550	\$4,351	\$0	FY10-Complete	\$36,267
Total Number of IRP Installations with Sites																6							
Total Number of MMRP Installations with Sites																1							

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	14	4	0	4	0	0	\$1,340	\$2,156	\$0	\$203	\$0	\$15	\$0	\$0	FY12	\$0	\$0		
Response Complete	13	Response Complete	3	IRA	3(3)	1(1)	0	0			\$0	\$439	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	1	0	0	0	4	\$364	\$17	\$0	\$0	\$0	\$0	FY14	\$202	\$92		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	1	1	0	0	4	\$2,602	\$2,736	\$0	\$13	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$258			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	2	0	0	0	4	\$25	\$8	\$1	\$0	\$0	\$0	FY10-Comp. MMRP	\$33,288			
Not Required	1	MRSPP-5	0	No Longer Required	3																		
Total IRP Sites	14	MRSPP-6	0	Total MRSs	8								Total	\$4,331	\$5,356	\$1	\$216	\$0	\$15	\$0	\$0	FY10-Complete	\$33,546
Total Number of IRP Installations with Sites																8							
Total Number of MMRP Installations with Sites																7							

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

District of Columbia

Active Installations

IRP Sites and MRSs by Classification				Study	73	2	10	6	0	0	\$26,515	\$1,221	\$936	\$380	\$1,199	\$0	\$549	\$1,595	FY12	\$1,456	\$0	
Response Complete	61	Response Complete	0	IRA	22(33)	0	0	0			\$16,044	\$0	\$2,509	\$0	\$282	\$0	\$0	\$0	FY13	\$427	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	\$1,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$423	\$0	
Medium	9	MRSPP-2	0	MRSPP-8	2	RA-C	18	0	1	0	\$13,028	\$0	\$0	\$0	\$221	\$0	\$136	\$0	FY15	\$149	\$0	
Low	3	MRSPP-3	1	Evaluation Pending	5	RA-O	8	0	1	0	\$3,153	\$0	\$0	\$0	\$60	\$0	\$102	\$0	FY10-Comp. IRP		\$8,091	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	8	0	\$2,143	\$0	\$276	\$0	\$318	\$0	\$580	\$0	FY10-Comp. MMRP		\$1,595	
Not Required	10	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	83	MRSPP-6	0	Total MRSs	8						Total	\$62,032	\$1,221	\$3,721	\$380	\$2,080	\$0	\$1,367	\$1,595	FY10-Complete		\$9,686
Total Number of IRP Installations with Sites																8						
Total Number of MMRP Installations with Sites																3						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	3	27	1	1	0	0	\$36,591	\$97,373	\$1,618	\$9,584	\$2,576	\$7,113	\$0	\$0	FY12	\$267	\$0	
Response Complete	3	Response Complete	27	IRA	2(2)	3(3)	0	0			\$15,634	\$125	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	2	0	0	\$25,520	\$2,184	\$4,499	\$0	\$1,512	\$0	\$1,159	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$5,514	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	1	0	1	\$13	\$270	\$0	\$0	\$0	\$0	\$0	\$120	FY10-Comp. MMRP		\$10,528	
Not Required	0	MRSPP-5	0	No Longer Required	27																	
Total IRP Sites	4	MRSPP-6	0	Total MRSs	28						Total	\$77,758	\$99,952	\$6,117	\$9,584	\$4,088	\$7,113	\$1,159	\$120	FY10-Complete		\$16,042
Total Number of IRP Installations with Sites																2						
Total Number of MMRP Installations with Sites																27						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

Active Installations

IRP Sites and MRSs by Classification					Study	863	11	29	31	94	17	\$298,125	\$14,152	\$18,606	\$4,937	\$27,506	\$8,529	\$6,408	\$6,350	FY12	\$25,885	\$12,076	
Response Complete	686	Response Complete	11		IRA	275(377)	0	5(8)	0			\$115,311	\$0	\$3,743	\$0	\$8,680	\$0	\$4,159	\$188	FY13	\$19,395	\$12,661	
High	10	MRSPP-1	0	MRSPP-7	1	Design	97	0	7	0	27	\$24,068	\$0	\$849	\$0	\$558	\$0	\$0	\$13	FY14	\$15,205	\$18,903	
Medium	14	MRSPP-2	0	MRSPP-8	1	RA-C	178	0	12	0	34	\$154,693	\$0	\$14,466	\$0	\$3,073	\$0	\$5,698	\$0	FY15	\$9,365	\$8,647	
Low	42	MRSPP-3	0	Evaluation Pending	45	RA-O	74	0	100	0	34	\$88,727	\$0	\$14,337	\$0	\$12,930	\$0	\$11,176	\$0	FY10-Comp. IRP		\$297,726	
Not Evaluated	91	MRSPP-4	0	No Known/Suspected	0	LTM	45	0	123	0	120	\$33,106	\$0	\$3,597	\$0	\$3,670	\$0	\$6,390	\$0	FY10-Comp. MMRP		\$81,081	
Not Required	143	MRSPP-5	1	No Longer Required	11																		
Total IRP Sites	986	MRSPP-6	0	Total MRSs	59							Total	\$714,030	\$14,152	\$55,598	\$4,937	\$56,417	\$8,529	\$33,831	\$6,551	FY10-Complete		\$378,807
Total Number of IRP Installations with Sites					53																		
Total Number of MMRP Installations with Sites					14																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	69	0	0	1	0	0	\$50,900	\$2,595	\$0	\$0	\$0	\$579	\$0	\$180	FY12	\$832	\$945	
Response Complete	50	Response Complete	0		IRA	8(17)	0	0	0			\$9,527	\$0	\$12	\$0	\$0	\$0	\$0	\$0	FY13	\$748	\$306	
High	0	MRSPP-1	0	MRSPP-7	0	Design	15	0	0	0	1	\$3,967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,195	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	35	0	0	1	0	\$37,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,132	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	14	0	17	0	0	\$28,069	\$0	\$3,414	\$0	\$1,329	\$0	\$1,211	\$0	FY10-Comp. IRP		\$20,269	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	17	0	1	\$9,061	\$0	\$914	\$0	\$1,619	\$0	\$315	\$0	FY10-Comp. MMRP		\$2,689	
Not Required	19	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	69	MRSPP-6	0	Total MRSs	1							Total	\$139,362	\$2,595	\$4,340	\$0	\$2,948	\$579	\$1,526	\$180	FY10-Complete		\$22,958
Total Number of IRP Installations with Sites					6																		
Total Number of MMRP Installations with Sites					1																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	63	26	9	82	4	10	\$26,600	\$27,939	\$2,720	\$8,724	\$1,877	\$5,831	\$2,297	\$3,159	FY12	\$3,309	\$4,581	
Response Complete	56	Response Complete	23		IRA	8(8)	4(4)	0	0			\$5,133	\$4,431	\$0	\$42	\$0	\$0	\$0	\$0	FY13	\$4,179	\$4,463	
High	8	MRSPP-1	0	MRSPP-7	0	Design	21	1	4	0	10	\$2,010	\$5	\$11	\$0	\$248	\$0	\$76	\$126	FY14	\$4,290	\$4,839	
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	22	1	6	5	8	\$15,034	\$9,210	\$89	\$105	\$1,215	\$150	\$664	\$2,097	FY15	\$4,729	\$4,989	
Low	0	MRSPP-3	1	Evaluation Pending	89	RA-O	1	0	1	0	11	\$808	\$0	\$123	\$0	\$157	\$0	\$50	\$0	FY10-Comp. IRP		\$44,582	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	1	LTM	17	13	3	1	5	\$2,449	\$80	\$327	\$7	\$425	\$0	\$525	\$134	FY10-Comp. MMRP		\$781,129	
Not Required	6	MRSPP-5	0	No Longer Required	22																		
Total IRP Sites	76	MRSPP-6	4	Total MRSs	118							Total	\$52,034	\$41,665	\$3,270	\$8,878	\$3,922	\$5,981	\$3,612	\$5,516	FY10-Complete		\$825,711
Total Number of IRP Installations with Sites					50																		
Total Number of MMRP Installations with Sites					108																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Georgia

Active Installations

IRP Sites and MRSs by Classification				Study	465	7	14	6	7	0	\$127,794	\$4,442	\$1,247	\$3,398	\$1,515	\$3,994	\$426	\$0	FY12	\$18,144	\$3,877
Response Complete	404	Response Complete	7	IRA	151(204)	1(1)	1(1)	0			\$69,770	\$230	\$144	\$0	\$0	\$0	\$0	\$0	FY13	\$18,995	\$0
High	3	MRSPP-1	0	MRSPP-7	0						\$30,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$11,569	\$96
Medium	1	MRSPP-2	0	MRSPP-8	0						\$179,956	\$0	\$380	\$0	\$566	\$0	\$160	\$0	FY15	\$12,207	\$2,016
Low	10	MRSPP-3	0	Evaluation Pending	3						\$104,497	\$0	\$13,840	\$0	\$15,038	\$0	\$19,119	\$0	FY10-Comp. IRP		\$186,373
Not Evaluated	12	MRSPP-4	1	No Known/Suspected	0						\$18,233	\$0	\$910	\$0	\$989	\$0	\$750	\$0	FY10-Comp. MMRP		\$10,574
Not Required	56	MRSPP-5	1	No Longer Required	7														FY10-Complete		\$196,947
Total IRP Sites	486	MRSPP-6	1	Total MRSs	13						\$530,996	\$4,672	\$16,521	\$3,398	\$18,108	\$3,994	\$20,455	\$0			
Total Number of IRP Installations with Sites																			33		
Total Number of MMRP Installations with Sites																			4		

BRAC Installations

IRP Sites and MRSs by Classification				Study	3	2	15	2	0	0	\$1,154	\$346	\$1,154	\$346	\$119	\$324	\$87	\$87	FY12	\$530	\$17
Response Complete	0	Response Complete	2	IRA	8(11)	0	3(3)	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$553	\$34
High	11	MRSPP-1	0	MRSPP-7	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,217	\$17
Medium	2	MRSPP-2	0	MRSPP-8	0						\$360	\$0	\$142	\$0	\$0	\$0	\$17	\$0	FY15	\$603	\$17
Low	3	MRSPP-3	0	Evaluation Pending	0						\$1,744	\$0	\$1,508	\$0	\$632	\$0	\$612	\$0	FY10-Comp. IRP		\$9,752
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2						\$0	\$0	\$0	\$0	\$6	\$10	\$6	\$10	FY10-Comp. MMRP		\$979
Not Required	2	MRSPP-5	0	No Longer Required	2														FY10-Complete		\$10,731
Total IRP Sites	18	MRSPP-6	0	Total MRSs	4						\$3,258	\$346	\$2,804	\$346	\$757	\$334	\$722	\$97			
Total Number of IRP Installations with Sites																			2		
Total Number of MMRP Installations with Sites																			2		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	30	9	0	8	4	1	\$11,773	\$6,190	\$24	\$955	\$0	\$60	\$0	\$0	FY12	\$650	\$143
Response Complete	25	Response Complete	7	IRA	4(4)	0	0	0			\$1,421	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,079	\$851
High	5	MRSPP-1	0	MRSPP-7	0						\$2,096	\$8	\$74	\$0	\$74	\$28	\$0	\$50	FY14	\$899	\$1,186
Medium	0	MRSPP-2	0	MRSPP-8	0						\$7,821	\$5,757	\$602	\$919	\$1,337	\$45	\$643	\$782	FY15	\$554	\$530
Low	0	MRSPP-3	0	Evaluation Pending	9						\$428	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$9,650
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	3						\$469	\$57	\$116	\$8	\$0	\$0	\$34	\$0	FY10-Comp. MMRP		\$67,361
Not Required	4	MRSPP-5	0	No Longer Required	5														FY10-Complete		\$77,011
Total IRP Sites	34	MRSPP-6	0	Total MRSs	18						\$24,008	\$12,012	\$816	\$1,882	\$1,411	\$133	\$677	\$832			
Total Number of IRP Installations with Sites																			24		
Total Number of MMRP Installations with Sites																			15		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Guam

Active Installations

IRP Sites and MRSs by Classification					Study	131	11	17	11	3	0	\$80,263	\$663	\$1,389	\$0	\$278	\$0	\$1,190	\$508	FY12	\$10,674	\$1,597	
Response Complete	87	Response Complete	9		IRA	37(43)	0	2(2)	0			\$93,837	\$0	\$1,643	\$0	\$392	\$0	\$781	\$0	FY13	\$14,758	\$1,049	
High	0	MRSPP-1	0	MRSPP-7	0	Design	12	0	0	4	4	\$1,310	\$0	\$0	\$0	\$0	\$0	\$131	\$0	FY14	\$5,886	\$1,068	
Medium	21	MRSPP-2	0	MRSPP-8	0	RA-C	14	0	2	0	23	\$47,724	\$0	\$1,149	\$0	\$5,820	\$0	\$6,873	\$0	FY15	\$17,521	\$3,390	
Low	30	MRSPP-3	1	Evaluation Pending	12	RA-O	4	0	3	0	1	\$5,312	\$0	\$1,255	\$0	\$1,804	\$0	\$1,007	\$0	FY10-Comp. IRP		\$144,220	
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	11	0	11	0	14	\$8,301	\$0	\$2,909	\$0	\$2,227	\$0	\$2,768	\$0	FY10-Comp. MMRP		\$43,500	
Not Required	10	MRSPP-5	0	No Longer Required	9															FY10-Complete		\$187,720	
Total IRP Sites	151	MRSPP-6	0	Total MRSs	22							Total	\$236,747	\$663	\$8,345	\$0	\$10,521	\$0	\$12,750	\$508			
Total Number of IRP Installations with Sites					8																		
Total Number of MMRP Installations with Sites					4																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	51	0	0	0	0	0	\$17,939	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$784	\$0	
Response Complete	51	Response Complete	0		IRA	0	0	0	0			\$13,529	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$144	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$101	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	\$517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$740	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	0	\$12,296	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$6,186	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	5	0	1	\$2,986	\$0	\$147	\$0	\$695	\$0	\$257	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0															FY10-Complete		\$6,186	
Total IRP Sites	51	MRSPP-6	0	Total MRSs	0							Total	\$47,267	\$0	\$147	\$0	\$695	\$0	\$257	\$0			
Total Number of IRP Installations with Sites					4																		
Total Number of MMRP Installations with Sites					0																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	6	2	2	7	0	0	\$1,055	\$1,397	\$256	\$0	\$706	\$0	\$0	\$0	FY12	\$177	\$0	
Response Complete	5	Response Complete	2		IRA	0	1(1)	0	0			\$0	\$4,673	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	2	\$52	\$0	\$38	\$0	\$131	\$0	\$6	\$0	FY14	\$560	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	1	0	0	3	\$89	\$36	\$84	\$0	\$0	\$0	\$0	\$0	FY15	\$2,325	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$9,950	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	1	0	0	2	\$33	\$38	\$0	\$0	\$0	\$0	\$61	\$0	FY10-Comp. MMRP		\$143,625	
Not Required	2	MRSPP-5	0	No Longer Required	2															FY10-Complete		\$153,575	
Total IRP Sites	8	MRSPP-6	0	Total MRSs	9							Total	\$1,229	\$6,144	\$378	\$0	\$837	\$0	\$67	\$0			
Total Number of IRP Installations with Sites					7																		
Total Number of MMRP Installations with Sites					9																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Hawaii

Active Installations

IRP Sites and MRSs by Classification				Study	559	74	72	44	44	3	\$217,616	\$20,552	\$22,494	\$7,302	\$14,840	\$7,149	\$18,342	\$3,390	FY12	\$27,719	\$7,007		
Response Complete	500	Response Complete	69	IRA	127(160)	4(4)	12(12)	0			\$209,712	\$999	\$425	\$60	\$2,075	\$0	\$2,279	\$0	FY13	\$39,509	\$9,117		
High	10	MRSPP-1	0	MRSPP-7	3	Design	22	0	0	2	40	7	\$6,257	\$0	\$0	\$142	\$0	\$537	\$314	FY14	\$70,283	\$8,337	
Medium	39	MRSPP-2	0	MRSPP-8	4	RA-C	87	0	5	0	51	20	\$67,752	\$0	\$324	\$0	\$3,380	\$0	\$3,610	\$8,016	FY15	\$54,669	\$26,868
Low	51	MRSPP-3	5	Evaluation Pending	17	RA-O	18	0	32	0	52	0	\$14,240	\$0	\$2,360	\$0	\$2,959	\$0	\$4,416	\$0	FY10-Comp. IRP	\$387,356	
Not Evaluated	35	MRSPP-4	8	No Known/Suspected	0	LTM	12	0	34	1	55	17	\$22,608	\$1,343	\$2,769	\$96	\$3,121	\$0	\$1,952	\$65	FY10-Comp. MMRP	\$131,713	
Not Required	40	MRSPP-5	10	No Longer Required	69																FY10-Complete	\$519,069	
Total IRP Sites	675	MRSPP-6	5	Total MRSs	121							Total	\$538,185	\$22,894	\$28,372	\$7,458	\$26,517	\$7,149	\$31,136	\$11,785			
Total Number of IRP Installations with Sites																41							
Total Number of MMRP Installations with Sites																15							

BRAC Installations

IRP Sites and MRSs by Classification				Study	43	0	0	0	0	0	\$22,392	\$0	\$20	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	43	Response Complete	0	IRA	0	0	0	0			\$29,458	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$27	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	0	\$1,221	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	0	\$189	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$78	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$738		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	5	0	1	0	\$1,869	\$0	\$102	\$0	\$78	\$0	\$0	FY10-Comp. MMRP	\$0		
Not Required	0	MRSPP-5	0	No Longer Required	0																FY10-Complete	\$738	
Total IRP Sites	43	MRSPP-6	0	Total MRSs	0							Total	\$55,129	\$0	\$122	\$0	\$78	\$0	\$0	\$0			
Total Number of IRP Installations with Sites																2							
Total Number of MMRP Installations with Sites																0							

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	41	18	1	32	0	4	\$2,271	\$19,379	\$447	\$1,965	\$19	\$559	\$0	\$10,249	FY12	\$3,344	\$12,409			
Response Complete	29	Response Complete	10	IRA	2(2)	3(3)	0	0			\$1,147	\$18	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$802	\$12,500			
High	1	MRSPP-1	0	MRSPP-7	0	Design	14	7	0	3	9	33	\$386	\$496	\$7	\$133	\$10	\$50	\$148	\$0	FY14	\$750	\$267	
Medium	2	MRSPP-2	1	MRSPP-8	0	RA-C	25	3	2	5	10	39	\$8,715	\$91,483	\$235	\$17,336	\$471	\$17,665	\$99	\$102	FY15	\$237	\$12,500	
Low	0	MRSPP-3	0	Evaluation Pending	42	RA-O	2	0	0	0	0	0	\$248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$8,211		
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	5	2	0	0	5	43	\$174	\$29	\$9	\$0	\$0	\$200	\$665	FY10-Comp. MMRP	\$1,383,456			
Not Required	10	MRSPP-5	0	No Longer Required	10																	FY10-Complete	\$1,391,667	
Total IRP Sites	42	MRSPP-6	0	Total MRSs	54							Total	\$12,941	\$111,405	\$698	\$19,434	\$500	\$18,274	\$447	\$11,016				
Total Number of IRP Installations with Sites																32								
Total Number of MMRP Installations with Sites																40								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Idaho

Active Installations

IRP Sites and MRSs by Classification				Study	86	10	1	3	3	0	\$11,316	\$1,198	\$297	\$866	\$0	\$1,550	\$0	\$290	FY12	\$96	\$536
Response Complete	78	Response Complete	10	IRA	3(3)	0	0	0			\$461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$243	\$1,059
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	3	\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$210	\$3,449
Medium	1	MRSPP-2	0	MRSPP-8	0	0	1	0	0	3	\$316	\$0	\$0	\$0	\$2,626	\$0	\$0	\$0	FY15	\$71	\$426
Low	1	MRSPP-3	0	Evaluation Pending	0	0	4	0	1	0	\$8,984	\$0	\$0	\$0	\$0	\$0	\$901	\$0	FY10-Comp. IRP		\$4,229
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	0	1	0	4	3	\$1,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$7,877
Not Required	7	MRSPP-5	0	No Longer Required	10																
Total IRP Sites	90	MRSPP-6	3	Total MRSs	13					Total	\$23,036	\$1,198	\$297	\$866	\$2,626	\$1,550	\$901	\$290	FY10-Complete		\$12,106
Total Number of IRP Installations with Sites																8					
Total Number of MMRP Installations with Sites																3					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	8	2	0	12	0	0	\$768	\$3,318	\$0	\$318	\$0	\$100	\$0	\$0	FY12	\$0	\$0
Response Complete	8	Response Complete	2	IRA	0	1(1)	0	0			\$0	\$40	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	1	0	0	12	\$38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	6	1	0	0	12	\$163	\$715	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$6
Low	0	MRSPP-3	0	Evaluation Pending	12	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	1	0	10	\$24	\$7	\$1	\$0	\$0	\$40	\$0	\$0	\$0	FY10-Comp. MMRP		\$209,312
Not Required	0	MRSPP-5	0	No Longer Required	2																
Total IRP Sites	8	MRSPP-6	0	Total MRSs	14					Total	\$993	\$4,080	\$1	\$318	\$0	\$140	\$0	\$0	FY10-Complete		\$209,312
Total Number of IRP Installations with Sites																4					
Total Number of MMRP Installations with Sites																14					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Illinois

Active Installations

IRP Sites and MRSs by Classification				Study	428	19	25	2	24	0	\$54,852	\$3,939	\$2,135	\$16	\$801	\$841	\$212	\$0	FY12	\$4,593	\$768		
Response Complete	397	Response Complete	16	IRA	29(34)	3(3)	0	0			\$7,518	\$11	\$0	\$0	\$0	\$0	\$161	\$0	FY13	\$5,327	\$2,524		
High	1	MRSPP-1	0	MRSPP-7	0	Design	37	1	19	0	10	2	\$6,867	\$0	\$0	\$44	\$0	\$0	FY14	\$5,685	\$0		
Medium	16	MRSPP-2	0	MRSPP-8	0	RA-C	43	0	24	1	11	1	\$105,838	\$7	\$16,446	\$5	\$1,742	\$692	\$4,978	\$0	FY15	\$3,423	\$104
Low	27	MRSPP-3	0	Evaluation Pending	4	RA-O	5	0	5	0	23	0	\$44,824	\$0	\$113	\$0	\$520	\$0	\$848	\$0	FY10-Comp. IRP	\$83,027	
Not Evaluated	20	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	12	3	19	1	\$4,206	\$0	\$432	\$0	\$2,801	\$0	\$926	\$0	FY10-Comp. MMRP	\$5,409	
Not Required	16	MRSPP-5	0	No Longer Required	16																		
Total IRP Sites	477	MRSPP-6	1	Total MRSs	21																		
Total Number of IRP Installations with Sites				48																			
Total Number of MMRP Installations with Sites				6																			
											Total	\$224,105	\$3,957	\$19,126	\$21	\$5,908	\$1,533	\$7,125	\$0	FY10-Complete		\$88,436	

BRAC Installations

IRP Sites and MRSs by Classification				Study	243	18	98	15	0	0	\$119,101	\$10,397	\$10,932	\$1,516	\$1,448	\$340	\$40	\$0	FY12	\$5,147	\$2,623		
Response Complete	227	Response Complete	18	IRA	39(59)	0	4(7)	0			\$42,563	\$0	\$0	\$0	\$1,600	\$158	\$150	\$0	FY13	\$8,779	\$328		
High	20	MRSPP-1	0	MRSPP-7	2	Design	11	0	0	9	4	\$15,066	\$4,910	\$0	\$0	\$600	\$0	\$203	\$0	FY14	\$1,761	\$6,672	
Medium	14	MRSPP-2	1	MRSPP-8	0	RA-C	31	0	8	0	72	12	\$123,122	\$0	\$20,808	\$0	\$2,550	\$0	\$4,109	\$0	FY15	\$3,159	\$41
Low	41	MRSPP-3	3	Evaluation Pending	2	RA-O	0	0	4	0	27	1	\$3,832	\$500	\$264	\$0	\$52	\$0	\$982	\$0	FY10-Comp. IRP	\$104,177	
Not Evaluated	36	MRSPP-4	0	No Known/Suspected	1	LTM	0	0	14	0	76	12	\$6,559	\$1	\$1,884	\$0	\$1,037	\$1	\$2,039	\$0	FY10-Comp. MMRP	\$27,504	
Not Required	3	MRSPP-5	4	No Longer Required	18																		
Total IRP Sites	341	MRSPP-6	2	Total MRSs	33																		
Total Number of IRP Installations with Sites				8																			
Total Number of MMRP Installations with Sites				4																			
											Total	\$310,243	\$15,808	\$33,888	\$1,516	\$7,287	\$499	\$7,523	\$0	FY10-Complete		\$131,681	

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	83	11	8	3	2	0	\$40,751	\$2,412	\$3,528	\$3	\$460	\$0	\$275	\$0	FY12	\$2,294	\$17		
Response Complete	73	Response Complete	11	IRA	9(9)	3(3)	0	0			\$554	\$3	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,069	\$25		
High	9	MRSPP-1	0	MRSPP-7	0	Design	57	1	2	0	10	2	\$5,759	\$126	\$0	\$0	\$0	\$0	\$515	\$0	FY14	\$2,663	\$50
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	59	3	3	0	11	2	\$17,551	\$6,437	\$42	\$14	\$57	\$0	\$1,101	\$0	FY15	\$2,449	\$25
Low	1	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$24,898	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	50	9	4	1	7	2	\$2,278	\$34	\$659	\$22	\$80	\$0	\$155	\$0	FY10-Comp. MMRP	\$24,604	
Not Required	3	MRSPP-5	0	No Longer Required	11																		
Total IRP Sites	93	MRSPP-6	0	Total MRSs	14																		
Total Number of IRP Installations with Sites				54																			
Total Number of MMRP Installations with Sites				14																			
											Total	\$66,893	\$9,012	\$4,229	\$39	\$597	\$0	\$2,046	\$0	FY10-Complete		\$49,502	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)							IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	

Indiana

Active Installations

IRP Sites and MRSs by Classification					Study	289	4	13	4	2	0	\$60,190	\$1,146	\$3,211	\$45	\$1,935	\$150	\$1,763	\$0	FY12	\$5,355	\$548	
Response Complete	273	Response Complete	2		IRA	28(39)	0	6(6)	0			\$36,198	\$0	\$815	\$0	\$294	\$0	\$0	\$0	FY13	\$8,569	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	Design	24	1	2	0	6	\$3,980	\$0	\$0	\$0	\$23	\$0	\$69	\$0	FY14	\$1,571	\$683	
Medium	11	MRSPP-2	0	MRSPP-8	1	RA-C	26	2	6	0	10	\$35,575	\$0	\$5,915	\$0	\$0	\$0	\$3,173	\$0	FY15	\$2,634	\$49	
Low	10	MRSPP-3	0	Evaluation Pending	5	RA-O	10	0	5	0	6	\$516	\$0	\$148	\$0	\$148	\$0	\$796	\$0	FY10-Comp. IRP		\$45,942	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	6	0	23	\$1,378	\$0	\$92	\$0	\$291	\$0	\$413	\$0	FY10-Comp. MMRP		\$1,430	
Not Required	7	MRSPP-5	0	No Longer Required	2																		
Total IRP Sites	304	MRSPP-6	0	Total MRSs	8							Total	\$137,837	\$1,146	\$10,181	\$45	\$2,691	\$150	\$6,214	\$0	FY10-Complete		\$47,372
Total Number of IRP Installations with Sites					25																		
Total Number of MMRP Installations with Sites					2																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	148	20	0	2	0	0	\$34,532	\$508	\$0	\$184	\$0	\$102	\$0	\$0	FY12	\$174	\$4	
Response Complete	138	Response Complete	20		IRA	13(13)	0	0	0			\$6,295	\$0	\$0	\$0	\$0	\$30	\$0	\$0	FY13	\$642	\$4	
High	0	MRSPP-1	0	MRSPP-7	0	Design	15	0	0	0	1	\$3,277	\$1,690	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$206	\$4	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	21	5	0	0	1	\$16,044	\$3,166	\$0	\$0	\$728	\$0	\$0	\$0	FY15	\$153	\$1,800	
Low	1	MRSPP-3	0	Evaluation Pending	2	RA-O	2	1	8	0	0	\$3,872	\$0	\$528	\$0	\$564	\$0	\$629	\$0	FY10-Comp. IRP		\$8,904	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	15	2	1	\$3,714	\$3	\$276	\$3	\$240	\$4	\$268	\$4	FY10-Comp. MMRP		\$6,955	
Not Required	9	MRSPP-5	0	No Longer Required	20																		
Total IRP Sites	148	MRSPP-6	0	Total MRSs	22							Total	\$67,734	\$5,367	\$804	\$187	\$1,532	\$136	\$897	\$4	FY10-Complete		\$15,859
Total Number of IRP Installations with Sites					6																		
Total Number of MMRP Installations with Sites					3																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	34	2	2	1	1	0	\$7,279	\$405	\$151	\$0	\$0	\$0	\$0	\$0	FY12	\$834	\$0	
Response Complete	34	Response Complete	2		IRA	1(1)	1(1)	0	0			\$2,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	20	0	1	1	2	\$644	\$65	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$825	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	24	0	0	1	4	\$5,313	\$57	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$135	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$27	\$0	FY10-Comp. IRP		\$5,662	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	12	2	2	0	2	\$611	\$13	\$551	\$13	\$37	\$0	\$0	\$0	FY10-Comp. MMRP		\$23,595	
Not Required	1	MRSPP-5	0	No Longer Required	2																		
Total IRP Sites	37	MRSPP-6	0	Total MRSs	3							Total	\$16,827	\$540	\$702	\$13	\$37	\$0	\$27	\$0	FY10-Complete		\$29,257
Total Number of IRP Installations with Sites					17																		
Total Number of MMRP Installations with Sites					3																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

	Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
		Sites (Actions)							IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		

Iowa

Active Installations

IRP Sites and MRSs by Classification				Study	187	0	1	7	1	0	\$30,703	\$3,280	\$0	\$2,009	\$0	\$49	\$0	\$0	FY12	\$532	\$4,406	
Response Complete	174	Response Complete	0	IRA	12(15)	0	0	0			\$11,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$279	\$0	
High	0	MRSPP-1	0	MRSPP-7	1	Design	31	0	0	0	\$11,203	\$0	\$0	\$0	\$0	\$0	\$0	\$126	FY14	\$32	\$3,570	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	32	0	2	0	\$46,169	\$0	\$594	\$0	\$1,448	\$0	\$508	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	2	Evaluation Pending	0	RA-O	2	0	12	0	\$2,588	\$0	\$16	\$0	\$530	\$0	\$15	\$0	FY10-Comp. IRP		\$15,844	
Not Evaluated	2	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	1	0	\$3,874	\$0	\$0	\$0	\$360	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,151	
Not Required	11	MRSPP-5	2	No Longer Required	0																	
Total IRP Sites	189	MRSPP-6	1	Total MRSs	7						Total	\$105,559	\$3,280	\$610	\$2,009	\$2,338	\$49	\$523	\$126	FY10-Complete		\$23,995
Total Number of IRP Installations with Sites																27						
Total Number of MMRP Installations with Sites																1						

BRAC Installations

IRP Sites and MRSs by Classification				Study	8	0	0	0	0	0	\$1,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	8	Response Complete	0	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	\$5,245	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	8	MRSPP-6	0	Total MRSs	0						Total	\$6,779	\$0	FY10-Complete		\$0						
Total Number of IRP Installations with Sites																1						
Total Number of MMRP Installations with Sites																0						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	12	3	1	4	0	0	\$1,877	\$926	\$125	\$153	\$238	\$14	\$0	\$0	FY12	\$166	\$0	
Response Complete	11	Response Complete	3	IRA	2(2)	0	0	0			\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	0	1	0	\$118	\$0	\$0	\$0	\$0	\$0	\$11	\$0	FY14	\$0	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	10	1	2	0	\$3,007	\$7	\$3	\$0	\$13	\$0	\$9	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$916	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	1	0	0	\$6	\$1	\$0	\$1	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$7,191	
Not Required	1	MRSPP-5	0	No Longer Required	3																	
Total IRP Sites	13	MRSPP-6	0	Total MRSs	7						Total	\$6,508	\$934	\$128	\$154	\$251	\$14	\$20	\$0	FY10-Complete		\$8,107
Total Number of IRP Installations with Sites																8						
Total Number of MMRP Installations with Sites																6						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						
Johnston Atoll																				
Active Installations																				
IRP Sites and MRSs by Classification										Study										
Response Complete	1	Response Complete	0							\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Total IRP Sites	1	MRSPP-6	0	Total MRSs	0					Total	\$75	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$0
Total Number of IRP Installations with Sites										1										
Total Number of MMRP Installations with Sites										0										

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Kansas

Active Installations

IRP Sites and MRSs by Classification				Study	392	5	14	8	10	1	\$121,520	\$12,540	\$4,643	\$10,287	\$46	\$1,779	\$60	\$585	FY12	\$3,401	\$2,492
Response Complete	385	Response Complete	5	IRA	37(44)	0	4(4)	0			\$14,573	\$0	\$0	\$0	\$553	\$0	\$548	\$0	FY13	\$5,901	\$1,549
High	1	MRSPP-1	0	MRSPP-7	0						\$7,567	\$0	\$0	\$0	\$0	\$0	\$0	\$36	FY14	\$2,157	\$1,038
Medium	1	MRSPP-2	0	MRSPP-8	0						\$106,157	\$0	\$6,873	\$0	\$54	\$0	\$51	\$3,147	FY15	\$2,154	\$201
Low	12	MRSPP-3	1	Evaluation Pending	6						\$11,143	\$0	\$4,420	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$25,873
Not Evaluated	12	MRSPP-4	2	No Known/Suspected	0						\$14,316	\$0	\$1,883	\$0	\$2,308	\$0	\$600	\$0	FY10-Comp. MMRP		\$12,424
Not Required	5	MRSPP-5	0	No Longer Required	5																
Total IRP Sites	416	MRSPP-6	0	Total MRSs	14						Total	\$275,276	\$12,540	\$17,819	\$10,287	\$2,961	\$1,779	\$1,259	\$3,768	FY10-Complete	\$38,297
Total Number of IRP Installations with Sites																38					
Total Number of MMRP Installations with Sites																4					

BRAC Installations

IRP Sites and MRSs by Classification				Study	14	0	2	1	0	0	\$667	\$178	\$667	\$0	\$336	\$94	\$0	\$0	FY12	\$42	\$0
Response Complete	3	Response Complete	0	IRA	1(2)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$75	\$0
High	3	MRSPP-1	0	MRSPP-7	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$5,147	\$0	\$1,277	\$0	\$293	\$0	\$89	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0						\$619	\$0	\$172	\$0	\$9,060	\$0	\$41	\$0	FY10-Comp. IRP		\$10,329
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0						\$1,052	\$0	\$338	\$0	\$393	\$0	\$0	\$0	FY10-Comp. MMRP		\$94
Not Required	9	MRSPP-5	0	No Longer Required	0																
Total IRP Sites	16	MRSPP-6	1	Total MRSs	1						Total	\$7,485	\$178	\$2,454	\$0	\$10,082	\$94	\$130	\$0	FY10-Complete	\$10,423
Total Number of IRP Installations with Sites																1					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	47	21	18	31	4	0	\$43,815	\$6,946	\$812	\$1,467	\$533	\$888	\$472	\$372	FY12	\$1,836	\$20
Response Complete	41	Response Complete	21	IRA	8(8)	0	0	0			\$5,363	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$6,204	\$0
High	11	MRSPP-1	0	MRSPP-7	3						\$3,236	\$0	\$136	\$0	\$345	\$0	\$439	\$0	FY14	\$11,052	\$0
Medium	6	MRSPP-2	0	MRSPP-8	0						\$25,230	\$28	\$287	\$0	\$4,197	\$0	\$534	\$0	FY15	\$15,700	\$0
Low	5	MRSPP-3	0	Evaluation Pending	28						\$0	\$0	\$0	\$0	\$85	\$0	\$91	\$0	FY10-Comp. IRP		\$227,047
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0										\$138	\$0	\$31	\$0	FY10-Comp. MMRP		\$100,842
Not Required	6	MRSPP-5	0	No Longer Required	21																
Total IRP Sites	69	MRSPP-6	0	Total MRSs	52						Total	\$78,388	\$7,006	\$1,454	\$1,467	\$5,298	\$888	\$1,567	\$372	FY10-Complete	\$327,889
Total Number of IRP Installations with Sites																41					
Total Number of MMRP Installations with Sites																47					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Kentucky

Active Installations

IRP Sites and MRSs by Classification				Study	263	10	16	4	0	0	\$56,079	\$1,346	\$1,277	\$0	\$0	\$1,896	\$17	\$0	FY12	\$524	\$284
Response Complete	251	Response Complete	10	IRA	16(21)	0	0	0			\$8,239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$725	\$158
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	4	\$1,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$434	\$5,065
Medium	0	MRSPP-2	0	MRSPP-8	0	0	1	0	1	\$21,411	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$393	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	0	\$1,651	\$0	\$173	\$0	\$74	\$0	\$180	\$0	\$0	FY10-Comp. IRP		\$11,689
Not Evaluated	18	MRSPP-4	1	No Known/Suspected	0	0	0	0	6	\$5,724	\$0	\$311	\$0	\$16	\$0	\$181	\$0	\$0	FY10-Comp. MMRP		\$8,867
Not Required	10	MRSPP-5	3	No Longer Required	10																
Total IRP Sites	279	MRSPP-6	0	Total MRSs	14					Total	\$94,974	\$1,346	\$1,761	\$0	\$90	\$1,896	\$378	\$0	FY10-Complete		\$20,556
Total Number of IRP Installations with Sites																26					
Total Number of MMRP Installations with Sites																3					

BRAC Installations

IRP Sites and MRSs by Classification				Study	73	0	0	0	0	0	\$12,259	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$88	\$0
Response Complete	70	Response Complete	0	IRA	22(28)	0	0	0			\$9,293	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$111	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	\$1,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$111	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	\$20,256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$119	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	0	\$187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$4,472
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	\$4,203	\$0	\$514	\$0	\$111	\$0	\$88	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	3	MRSPP-5	0	No Longer Required	0																
Total IRP Sites	73	MRSPP-6	0	Total MRSs	0					Total	\$47,542	\$0	\$514	\$0	\$111	\$0	\$88	\$0	FY10-Complete		\$4,472
Total Number of IRP Installations with Sites																2					
Total Number of MMRP Installations with Sites																0					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	9	0	3	2	0	0	\$5,921	\$432	\$631	\$0	\$252	\$0	\$0	\$0	FY12	\$2,530	\$0
Response Complete	6	Response Complete	0	IRA	1(1)	0	0	0			\$855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,142	\$0
High	4	MRSPP-1	0	MRSPP-7	0	0	0	4	2	\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,658	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0	0	1	0	2	\$2,758	\$0	\$757	\$0	\$395	\$0	\$1,713	\$0	\$0	FY15	\$2,706	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$42,871
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	0	0	0	3	\$170	\$0	\$83	\$0	\$54	\$0	\$141	\$0	\$0	FY10-Comp. MMRP		\$25,166
Not Required	1	MRSPP-5	0	No Longer Required	0																
Total IRP Sites	12	MRSPP-6	0	Total MRSs	2					Total	\$9,767	\$432	\$1,471	\$0	\$701	\$0	\$1,854	\$0	FY10-Complete		\$68,037
Total Number of IRP Installations with Sites																3					
Total Number of MMRP Installations with Sites																2					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Louisiana

Active Installations

IRP Sites and MRSs by Classification				Study	171	18	13	19	33	0	\$38,761	\$9,152	\$628	\$56	\$0	\$1,056	\$225	\$1,254	FY12	\$4,569	\$2,395
Response Complete	162	Response Complete	18	IRA	14(20)	0	10(10)	0			\$49,511	\$0	\$0	\$0	\$440	\$0	\$192	\$0	FY13	\$6,286	\$2,635
High	0	MRSPP-1	0	MRSPP-7	0						\$1,148	\$0	\$0	\$0	\$0	\$0	\$563	\$0	FY14	\$1,771	\$7,505
Medium	0	MRSPP-2	0	MRSPP-8	0						\$19,013	\$0	\$1,003	\$0	\$481	\$0	\$1,817	\$0	FY15	\$1,585	\$340
Low	7	MRSPP-3	0	Evaluation Pending	16						\$6,124	\$0	\$0	\$0	\$0	\$0	\$137	\$0	FY10-Comp. IRP		\$26,904
Not Evaluated	42	MRSPP-4	2	No Known/Suspected	0						\$9,245	\$0	\$429	\$0	\$406	\$0	\$271	\$0	FY10-Comp. MMRP		\$17,027
Not Required	6	MRSPP-5	0	No Longer Required	18														FY10-Complete		\$43,931
Total IRP Sites	217	MRSPP-6	1	Total MRSs	37						\$123,802	\$9,152	\$2,060	\$56	\$1,327	\$1,056	\$3,205	\$1,254	FY10-Complete		
Total Number of IRP Installations with Sites																26					
Total Number of MMRP Installations with Sites																4					

BRAC Installations

IRP Sites and MRSs by Classification				Study	56	6	0	2	0	0	\$12,687	\$342	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	55	Response Complete	6	IRA	18(20)	0	0	0			\$3,859	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$3,303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$12,351	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2						\$1,784	\$0	\$61	\$0	\$332	\$0	\$470	\$0	FY10-Comp. IRP		\$3,875
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$2,656	\$0	\$70	\$0	\$343	\$0	\$283	\$0	FY10-Comp. MMRP		\$0
Not Required	1	MRSPP-5	0	No Longer Required	6														FY10-Complete		\$3,875
Total IRP Sites	56	MRSPP-6	0	Total MRSs	8						\$36,640	\$342	\$131	\$0	\$675	\$0	\$753	\$0	FY10-Complete		
Total Number of IRP Installations with Sites																2					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	20	6	0	10	1	0	\$1,505	\$4,091	\$0	\$128	\$0	\$518	\$0	\$198	FY12	\$0	\$89
Response Complete	20	Response Complete	6	IRA	1(1)	1(1)	0	0			\$1,109	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$2,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$6,829	\$7,411	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	10						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$6,875
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$0	\$0	\$0	\$0	\$12	\$0	\$0	\$0	FY10-Comp. MMRP		\$141,964
Not Required	1	MRSPP-5	0	No Longer Required	6														FY10-Complete		\$148,839
Total IRP Sites	21	MRSPP-6	0	Total MRSs	16						\$12,018	\$11,502	\$0	\$128	\$12	\$518	\$0	\$198	FY10-Complete		
Total Number of IRP Installations with Sites																11					
Total Number of MMRP Installations with Sites																16					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maine

Active Installations

IRP Sites and MRSs by Classification				Study	79	2	15	0	10	0	\$39,870	\$686	\$1,334	\$250	\$1,803	\$0	\$610	\$156	FY12	\$5,751	\$0
Response Complete	75	Response Complete	1	IRA	12(15)	0	3(3)	0			\$40,606	\$0	\$1,005	\$0	\$1,500	\$0	\$540	\$0	FY13	\$5,139	\$0
High	9	MRSPP-1	0	MRSPP-7	0	Design	8	0	3	0	\$2,869	\$0	\$279	\$0	\$69	\$0	\$143	\$0	FY14	\$3,716	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	1	0	\$39,160	\$0	\$52	\$0	\$67	\$0	\$3,630	\$0	FY15	\$1,475	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	3	0	1	0	\$14,105	\$0	\$330	\$0	\$350	\$0	\$388	\$0	FY10-Comp. IRP		\$53,198
Not Evaluated	15	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	1	0	\$1,664	\$0	\$0	\$0	\$0	\$0	\$41	\$0	FY10-Comp. MMRP		\$156
Not Required	4	MRSPP-5	0	No Longer Required	1														FY10-Complete		\$53,354
Total IRP Sites	104	MRSPP-6	0	Total MRSs	2	Total	\$138,274	\$686	\$3,000	\$250	\$3,789	\$0	\$5,352	\$156	FY10-Complete						
Total Number of IRP Installations with Sites								11													
Total Number of MMRP Installations with Sites								2													

BRAC Installations

IRP Sites and MRSs by Classification				Study	73	8	1	3	0	0	\$22,447	\$3,130	\$301	\$967	\$0	\$1,990	\$266	\$0	FY12	\$1,350	\$0
Response Complete	50	Response Complete	8	IRA	33(37)	0	0	0			\$7,627	\$0	\$0	\$0	\$1,409	\$1,207	\$0	\$0	FY13	\$1,151	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	14	0	2	0	\$3,727	\$0	\$0	\$0	\$0	\$41	\$104	\$0	FY14	\$4,725	\$1,279
Medium	1	MRSPP-2	0	MRSPP-8	1	RA-C	16	1	2	0	\$72,225	\$0	\$0	\$0	\$1,432	\$0	\$800	\$0	FY15	\$1,007	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	21	0	\$50,909	\$161	\$1,510	\$0	\$1,280	\$0	\$1,192	\$0	FY10-Comp. IRP		\$46,349
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	2	0	8	0	\$4,482	\$0	\$520	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$7,195
Not Required	22	MRSPP-5	0	No Longer Required	8														FY10-Complete		\$53,544
Total IRP Sites	74	MRSPP-6	1	Total MRSs	11	Total	\$161,417	\$3,291	\$2,331	\$967	\$4,121	\$3,238	\$1,562	\$800	FY10-Complete						
Total Number of IRP Installations with Sites								2													
Total Number of MMRP Installations with Sites								2													

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	53	21	9	10	3	0	\$15,078	\$2,108	\$615	\$815	\$601	\$427	\$813	\$21	FY12	\$2,105	\$0
Response Complete	43	Response Complete	19	IRA	1(1)	1(1)	0	0			\$0	\$102	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,448	\$0
High	6	MRSPP-1	0	MRSPP-7	0	Design	38	0	2	1	\$2,183	\$25	\$13	\$0	\$137	\$0	\$1	\$0	FY14	\$1,352	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	41	0	2	0	\$5,644	\$0	\$403	\$0	\$317	\$0	\$2,016	\$0	FY15	\$2,200	\$0
Low	2	MRSPP-3	1	Evaluation Pending	10	RA-O	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$23,271
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	2	0	\$392	\$0	\$1	\$0	\$150	\$0	\$0	\$0	FY10-Comp. MMRP		\$47,085
Not Required	11	MRSPP-5	1	No Longer Required	19														FY10-Complete		\$70,356
Total IRP Sites	65	MRSPP-6	0	Total MRSs	31	Total	\$23,297	\$2,235	\$1,032	\$815	\$1,205	\$427	\$2,830	\$21	FY10-Complete						
Total Number of IRP Installations with Sites								42													
Total Number of MMRP Installations with Sites								30													

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
Marshall Islands																											
Active Installations																											
IRP Sites and MRSs by Classification										Study	0	1	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1							IRA	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0					Design	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0					RA-C	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0					RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0					LTM	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	
Not Required	0	MRSPP-5	0	No Longer Required	1																						
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1					Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$0	
Total Number of IRP Installations with Sites											0																
Total Number of MMRP Installations with Sites											1																

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maryland

Active Installations

IRP Sites and MRSs by Classification				Study	629	35	114	53	34	5	\$356,556	\$22,069	\$5,702	\$9,031	\$10,683	\$1,689	\$1,525	\$2,313	FY12	\$45,999	\$5,222			
Response Complete	558	Response Complete	27	IRA	148(206)	2(2)	8(8)	2(2)			\$178,967	\$2,766	\$643	\$70	\$560	\$73	\$885	\$1,050	FY13	\$23,369	\$17,056			
High	28	MRSPP-1	0	MRSPP-7	2	Design	111	0	55	0	40	21	\$28,600	\$0	\$720	\$0	\$819	\$0	\$1,397	\$9	FY14	\$10,771	\$12,478	
Medium	84	MRSPP-2	11	MRSPP-8	7	RA-C	114	0	67	2	46	48	\$328,566	\$2,395	\$25,031	\$0	\$15,918	\$0	\$12,285	\$90	FY15	\$14,375	\$59,636	
Low	25	MRSPP-3	7	Evaluation Pending	18	RA-O	12	0	37	0	27	0	\$42,010	\$0	\$6,419	\$0	\$8,678	\$0	\$11,256	\$0	FY10-Comp. IRP		\$329,002	
Not Evaluated	35	MRSPP-4	6	No Known/Suspected	1	LTM	15	0	52	2	66	34	\$18,991	\$334	\$2,114	\$0	\$2,965	\$31	\$2,635	\$6	FY10-Comp. MMRP		\$162,688	
Not Required	47	MRSPP-5	11	No Longer Required	26																			
Total IRP Sites	777	MRSPP-6	4	Total MRSs	93								Total	\$953,690	\$27,564	\$40,629	\$9,101	\$39,623	\$1,793	\$29,983	\$3,468	FY10-Complete		\$491,690
Total Number of IRP Installations with Sites																								
Total Number of MMRP Installations with Sites																								

BRAC Installations

IRP Sites and MRSs by Classification				Study	68	9	1	0	0	0	\$31,848	\$66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$229	\$139		
Response Complete	62	Response Complete	9	IRA	4(4)	0	0	0			\$5,274	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$336	\$139		
High	1	MRSPP-1	0	MRSPP-7	0	Design	23	1	0	0	1	0	\$5,806	\$1,475	\$0	\$0	\$52	\$0	\$0	\$0	FY14	\$351	\$86	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	26	2	0	0	1	0	\$36,795	\$8,272	\$0	\$0	\$3,749	\$0	\$0	\$0	FY15	\$199	\$139	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	5	0	0	0	\$6,061	\$0	\$1,241	\$0	\$220	\$0	\$220	\$0	FY10-Comp. IRP		\$8,138	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	1	7	4	0	0	\$2,356	\$2,663	\$144	\$68	\$162	\$784	\$227	\$222	FY10-Comp. MMRP		\$3,031	
Not Required	6	MRSPP-5	0	No Longer Required	9								Total	\$88,140	\$12,476	\$1,385	\$68	\$4,183	\$784	\$447	\$222	FY10-Complete		\$11,169
Total IRP Sites	69	MRSPP-6	0	Total MRSs	9																			
Total Number of IRP Installations with Sites																								
Total Number of MMRP Installations with Sites																								

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	43	5	1	7	0	1	\$4,194	\$1,910	\$146	\$47	\$350	\$365	\$774	\$31	FY12	\$1,371	\$0			
Response Complete	39	Response Complete	5	IRA	1(1)	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$978	\$0		
High	2	MRSPP-1	0	MRSPP-7	0	Design	29	0	0	0	1	7	\$850	\$0	\$0	\$0	\$0	\$0	\$199	\$0	FY14	\$1,166	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	27	0	0	0	1	8	\$6,152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$219	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	8	RA-O	1	0	3	0	2	0	\$797	\$0	\$211	\$0	\$44	\$0	\$890	\$0	FY10-Comp. IRP		\$7,581	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	13	3	2	1	3	4	\$421	\$129	\$1	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$65,728	
Not Required	0	MRSPP-5	0	No Longer Required	5								Total	\$12,414	\$2,039	\$358	\$47	\$394	\$365	\$1,863	\$31	FY10-Complete		\$73,309
Total IRP Sites	44	MRSPP-6	0	Total MRSs	13																			
Total Number of IRP Installations with Sites																								
Total Number of MMRP Installations with Sites																								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Massachusetts

Active Installations

IRP Sites and MRSs by Classification				Study	252	10	2	9	6	0	\$163,612	\$1,937	\$695	\$691	\$0	\$6	\$0	\$628	FY12	\$29,157	\$858		
Response Complete	219	Response Complete	10	IRA	66(131)	0	0	0			\$179,231	\$0	\$2,090	\$0	\$1,149	\$0	\$0	\$0	FY13	\$36,379	\$180		
High	2	MRSPP-1	0	MRSPP-7	0	Design	47	0	2	0	0	1	\$39,935	\$0	\$0	\$949	\$0	\$0	\$0	FY14	\$31,164	\$2,057	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	86	0	2	0	3	1	\$239,495	\$0	\$416	\$0	\$3,509	\$0	\$516	\$0	FY15	\$21,733	\$0
Low	1	MRSPP-3	0	Evaluation Pending	9	RA-O	8	0	32	0	2	0	\$178,008	\$0	\$26,102	\$0	\$40,305	\$0	\$23,464	\$0	FY10-Comp. IRP	\$297,183	
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	2	0	13	1	\$29,843	\$0	\$204	\$0	\$95	\$0	\$340	\$0	FY10-Comp. MMRP	\$3,926	
Not Required	30	MRSPP-5	0	No Longer Required	10																		
Total IRP Sites	260	MRSPP-6	0	Total MRSs	19						Total	\$830,124	\$1,937	\$29,507	\$691	\$46,007	\$6	\$24,320	\$628	FY10-Complete	\$301,109		
Total Number of IRP Installations with Sites								21															
Total Number of MMRP Installations with Sites								3															

BRAC Installations

IRP Sites and MRSs by Classification				Study	216	2	5	2	0	0	\$63,165	\$957	\$1,526	\$279	\$3,121	\$529	\$163	\$0	FY12	\$5,726	\$33		
Response Complete	208	Response Complete	1	IRA	39(46)	1(1)	1(1)	0			\$5,011	\$0	\$0	\$0	\$615	\$0	\$818	\$0	FY13	\$6,466	\$33		
High	3	MRSPP-1	0	MRSPP-7	0	Design	54	0	1	0	4	0	\$12,342	\$0	\$123	\$0	\$98	\$0	\$523	\$0	FY14	\$3,601	\$340
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	85	1	2	0	5	0	\$197,575	\$2,999	\$1,952	\$0	\$6,049	\$0	\$136	\$0	FY15	\$2,149	\$33
Low	1	MRSPP-3	0	Evaluation Pending	3	RA-O	13	1	4	0	3	0	\$2,802	\$3,034	\$617	\$0	\$352	\$0	\$297	\$0	FY10-Comp. IRP	\$57,421	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	13	0	12	1	6	0	\$28,544	\$0	\$1,682	\$0	\$2,363	\$0	\$1,267	\$33	FY10-Comp. MMRP	\$3,061	
Not Required	5	MRSPP-5	0	No Longer Required	1																		
Total IRP Sites	221	MRSPP-6	0	Total MRSs	4						Total	\$309,439	\$6,990	\$5,900	\$279	\$12,598	\$529	\$3,204	\$33	FY10-Complete	\$60,482		
Total Number of IRP Installations with Sites								15															
Total Number of MMRP Installations with Sites								2															

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	108	36	3	24	0	1	\$11,812	\$10,779	\$238	\$347	\$296	\$984	\$164	\$431	FY12	\$1,983	\$813		
Response Complete	101	Response Complete	34	IRA	6(6)	3(3)	0	0			\$2,063	\$2,221	\$0	\$2,211	\$0	\$0	\$0	\$0	FY13	\$1,026	\$917		
High	3	MRSPP-1	0	MRSPP-7	0	Design	80	1	1	0	2	19	\$4,629	\$0	\$7	\$0	\$100	\$0	\$42	\$0	FY14	\$1,177	\$778
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	78	2	2	0	3	20	\$32,476	\$333	\$598	\$0	\$390	\$0	\$1,932	\$0	FY15	\$1,977	\$154
Low	0	MRSPP-3	0	Evaluation Pending	27	RA-O	0	0	1	0	0	0	\$97	\$0	\$97	\$0	\$185	\$0	\$0	\$0	FY10-Comp. IRP	\$28,678	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	3	1	1	2	2	17	\$397	\$272	\$0	\$113	\$0	\$16	\$105	\$25	FY10-Comp. MMRP	\$106,723	
Not Required	6	MRSPP-5	0	No Longer Required	34																		
Total IRP Sites	111	MRSPP-6	0	Total MRSs	61						Total	\$51,474	\$13,605	\$940	\$2,671	\$971	\$1,000	\$2,243	\$456	FY10-Complete	\$135,401		
Total Number of IRP Installations with Sites								62															
Total Number of MMRP Installations with Sites								59															

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Michigan

Active Installations

IRP Sites and MRSs by Classification				Study	183	15	1	4	14	3	\$10,193	\$8,328	\$0	\$7,284	\$0	\$0	\$0	\$1,107	FY12	\$761	\$885
Response Complete	172	Response Complete	12	IRA	5(10)	0	0	3(3)			\$3,710	\$4,745	\$0	\$3,325	\$0	\$0	\$0	\$0	FY13	\$747	\$272
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1		\$4,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$252	\$1,630
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	1		\$9,996	\$0	\$3,357	\$0	\$0	\$0	\$0	\$0	FY15	\$192	\$5,803
Low	0	MRSPP-3	1	Evaluation Pending	5	0	10	0	0		\$1,473	\$0	\$0	\$0	\$586	\$0	\$255	\$0	FY10-Comp. IRP		\$5,310
Not Evaluated	15	MRSPP-4	0	No Known/Suspected	12	0	2	0	9		\$837	\$0	\$0	\$0	\$180	\$0	\$306	\$0	FY10-Comp. MMRP		\$9,948
Not Required	11	MRSPP-5	0	No Longer Required	3					Total	\$30,609	\$13,073	\$3,357	\$10,609	\$766	\$0	\$561	\$1,107	FY10-Complete		\$15,258
Total IRP Sites	198	MRSPP-6	1	Total MRSs	22																
Total Number of IRP Installations with Sites																25					
Total Number of MMRP Installations with Sites																3					

BRAC Installations

IRP Sites and MRSs by Classification				Study	126	17	2	4	0	0	\$32,122	\$173	\$0	\$0	\$198	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	96	Response Complete	16	IRA	35(52)	0	0	0			\$13,096	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	1	0		\$13,796	\$0	\$0	\$0	\$53	\$0	\$0	\$0	FY14	\$28	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	0	0	1	0		\$37,064	\$0	\$0	\$0	\$107	\$0	\$0	\$0	FY15	\$2,179	\$0
Low	1	MRSPP-3	0	Evaluation Pending	5	0	27	0	5		\$34,328	\$0	\$2,217	\$0	\$9,674	\$0	\$0	\$0	FY10-Comp. IRP		\$43,714
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	0	14	2	26		\$2,145	\$0	\$112	\$0	\$1,227	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	27	MRSPP-5	0	No Longer Required	16					Total	\$132,551	\$173	\$2,329	\$0	\$11,259	\$0	\$0	\$0	FY10-Complete		\$43,714
Total IRP Sites	128	MRSPP-6	0	Total MRSs	21																
Total Number of IRP Installations with Sites																4					
Total Number of MMRP Installations with Sites																3					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	80	19	7	7	1	3	\$37,422	\$1,331	\$504	\$469	\$460	\$280	\$0	\$65	FY12	\$1,993	\$0
Response Complete	68	Response Complete	19	IRA	3(3)	0	0	0			\$1,069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,132	\$0
High	4	MRSPP-1	0	MRSPP-7	0	0	2	0	1	8	\$6,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,652	\$0
Medium	4	MRSPP-2	0	MRSPP-8	0	0	4	0	7	8	\$16,058	\$0	\$3	\$0	\$0	\$0	\$7,367	\$0	FY15	\$3,405	\$0
Low	3	MRSPP-3	1	Evaluation Pending	8	0	1	0	3	0	\$2,258	\$0	\$624	\$0	\$90	\$0	\$61	\$0	FY10-Comp. IRP		\$31,337
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	0	0	3	0	7	8	\$1,773	\$72	\$448	\$32	\$75	\$0	\$575	\$0	FY10-Comp. MMRP		\$75,573
Not Required	8	MRSPP-5	0	No Longer Required	19					Total	\$64,920	\$1,403	\$1,579	\$501	\$625	\$280	\$8,003	\$65	FY10-Complete		\$106,910
Total IRP Sites	88	MRSPP-6	0	Total MRSs	29																
Total Number of IRP Installations with Sites																41					
Total Number of MMRP Installations with Sites																29					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						
Midway Islands																				
BRAC Installations																				
IRP Sites and MRSs by Classification																				
Response Complete	39	Response Complete	0						\$1,470	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0				\$13,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$300
Not Required	0	MRSPP-5	0	No Longer Required	0				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Total IRP Sites	39	MRSPP-6	0	Total MRSs	0				Total	\$14,943	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$300
Total Number of IRP Installations with Sites																		1		
Total Number of MMRP Installations with Sites																		0		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Minnesota

Active Installations

IRP Sites and MRSs by Classification					Study	222	6	2	5	7	0	\$33,140	\$2,381	\$0	\$1,503	\$360	\$664	\$0	\$538	FY12	\$2,014	\$1,347	
Response Complete	200	Response Complete	6		IRA	18(25)	0	0	0			\$21,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,045	\$531	
High	1	MRSPP-1	0	MRSPP-7	0	Design	32	0	0	0	0	\$14,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,303	\$3,609	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	37	0	2	0	1	\$111,677	\$0	\$199	\$0	\$0	\$0	\$0	\$0	FY15	\$2,520	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	5	RA-O	16	0	14	0	1	\$39,631	\$0	\$1,921	\$0	\$3,417	\$0	\$3,625	\$0	FY10-Comp. IRP		\$49,025	
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0	LTM	8	0	14	0	5	\$2,557	\$0	\$16	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$6,838	
Not Required	20	MRSPP-5	0	No Longer Required	6																		
Total IRP Sites	231	MRSPP-6	0	Total MRSs	11							Total	\$222,210	\$2,381	\$2,136	\$1,503	\$3,777	\$664	\$3,625	\$538	FY10-Complete		\$55,863
Total Number of IRP Installations with Sites					27																		
Total Number of MMRP Installations with Sites					4																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	31	0	0	0	0	0	\$6,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,021	\$0
Response Complete	28	Response Complete	0		IRA	2(2)	0	0	0			\$967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,047	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	22	0	1	0	0	\$1,483	\$0	\$103	\$0	\$0	\$0	\$471	\$0	FY14	\$426	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	3	0	0	\$5,750	\$0	\$2,258	\$0	\$115	\$0	\$148	\$0	FY15	\$3	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$7,361	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	1	0	1	\$25	\$0	\$16	\$0	\$15	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	2	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	31	MRSPP-6	0	Total MRSs	0							Total	\$14,739	\$0	\$2,377	\$0	\$130	\$0	\$619	\$0	FY10-Complete		\$7,361
Total Number of IRP Installations with Sites					16																		
Total Number of MMRP Installations with Sites					0																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Mississippi

Active Installations

IRP Sites and MRSs by Classification				Study	235	4	4	0	2	2	\$33,255	\$163	\$1,057	\$8	\$1,546	\$0	\$0	\$0	FY12	\$3,103	\$0
Response Complete	208	Response Complete	4	IRA	26(30)	0	2(2)	0			\$23,326	\$0	\$1,169	\$0	\$0	\$0	\$0	\$0	FY13	\$5,241	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$7,893	\$0	\$172	\$0	\$24	\$0	\$66	\$0	FY14	\$999	\$0
Medium	8	MRSPP-2	0	MRSPP-8	0						\$27,644	\$0	\$4,530	\$0	\$1,413	\$0	\$1,407	\$0	FY15	\$711	\$0
Low	2	MRSPP-3	0	Evaluation Pending	2						\$14,930	\$0	\$740	\$0	\$226	\$0	\$644	\$0	FY10-Comp. IRP		\$24,318
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$4,323	\$0	\$298	\$0	\$474	\$0	\$872	\$0	FY10-Comp. MMRP		\$0
Not Required	23	MRSPP-5	0	No Longer Required	4														FY10-Complete		\$24,318
Total IRP Sites	241	MRSPP-6	0	Total MRSs	6						\$111,371	\$163	\$7,966	\$8	\$3,683	\$0	\$2,989	\$0	FY10-Complete		
Total Number of IRP Installations with Sites																28					
Total Number of MMRP Installations with Sites																3					

BRAC Installations

IRP Sites and MRSs by Classification				Study	0	1	0	1	0	0	\$0	\$0	\$0	\$0	\$0	\$1,331	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$1,331
Not Required	0	MRSPP-5	1	No Longer Required	1														FY10-Complete		\$1,331
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2						\$0	\$0	\$0	\$0	\$0	\$1,331	\$0	\$0	FY10-Complete		
Total Number of IRP Installations with Sites																0					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	22	9	0	17	0	0	\$3,253	\$3,720	\$0	\$195	\$0	\$1,375	\$0	\$152	FY12	\$824	\$0
Response Complete	21	Response Complete	9	IRA	0	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$30	\$0
High	1	MRSPP-1	0	MRSPP-7	0						\$1,111	\$0	\$17	\$0	\$49	\$0	\$0	\$0	FY14	\$28	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$3,433	\$2	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	1	Evaluation Pending	16						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,506
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$167,109
Not Required	0	MRSPP-5	0	No Longer Required	9														FY10-Complete		\$168,615
Total IRP Sites	22	MRSPP-6	0	Total MRSs	26						\$7,816	\$3,841	\$21	\$195	\$64	\$1,375	\$0	\$152	FY10-Complete		
Total Number of IRP Installations with Sites																14					
Total Number of MMRP Installations with Sites																25					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Missouri

Active Installations

IRP Sites and MRSs by Classification				Study	288	11	17	9	2	0	\$82,221	\$765	\$982	\$171	\$0	\$23	\$0	\$1,670	FY12	\$2,549	\$0	
Response Complete	263	Response Complete	11	IRA	41(50)	0	1(1)	0			\$49,986	\$0	\$1,000	\$0	\$588	\$0	\$0	\$0	FY13	\$3,596	\$0	
High	0	MRSPP-1	0	MRSPP-7	0						\$7,827	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,657	\$161	
Medium	4	MRSPP-2	0	MRSPP-8	0						\$65,675	\$0	\$1,093	\$0	\$2,839	\$0	\$2,412	\$0	FY15	\$3,711	\$2,747	
Low	9	MRSPP-3	3	Evaluation Pending	3						\$9,986	\$0	\$1,317	\$0	\$1,608	\$0	\$1,619	\$0	FY10-Comp. IRP		\$99,899	
Not Evaluated	9	MRSPP-4	0	No Known/Suspected	2						\$6,440	\$0	\$187	\$0	\$343	\$0	\$4,299	\$0	FY10-Comp. MMRP		\$5,543	
Not Required	22	MRSPP-5	1	No Longer Required	11														FY10-Complete		\$105,442	
Total IRP Sites	307	MRSPP-6	0	Total MRSs	20						Total	\$222,135	\$765	\$4,579	\$171	\$5,378	\$23	\$8,330	\$1,670			
Total Number of IRP Installations with Sites																34						
Total Number of MMRP Installations with Sites																3						

BRAC Installations

IRP Sites and MRSs by Classification				Study	37	0	0	0	0	0	\$7,679	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	32	Response Complete	0	IRA	10(11)	0	0	0			\$2,846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$40	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$40	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$2,056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$245	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0						\$1,339	\$0	\$643	\$0	\$333	\$0	\$580	\$0	FY10-Comp. IRP		\$2,798
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	5	MRSPP-5	0	No Longer Required	0														FY10-Complete		\$2,798
Total IRP Sites	37	MRSPP-6	0	Total MRSs	0						Total	\$13,946	\$0	\$643	\$0	\$333	\$580	\$0			
Total Number of IRP Installations with Sites																4					
Total Number of MMRP Installations with Sites																0					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	45	6	2	5	1	0	\$108,245	\$2,753	\$767	\$284	\$1,542	\$80	\$719	\$0	FY12	\$3,070	\$28	
Response Complete	42	Response Complete	5	IRA	7(7)	1(1)	0	0			\$1,618	\$212	\$0	\$194	\$0	\$0	\$0	\$0	FY13	\$2,192	\$29	
High	4	MRSPP-1	0	MRSPP-7	0						\$3,450	\$0	\$103	\$0	\$20	\$0	\$0	\$0	FY14	\$1,695	\$35	
Medium	0	MRSPP-2	0	MRSPP-8	0						\$122,692	\$837	\$478	\$0	\$228	\$0	\$531	\$0	FY15	\$1,722	\$37	
Low	0	MRSPP-3	0	Evaluation Pending	5						\$27,565	\$0	\$0	\$0	\$0	\$150	\$0	\$0	FY10-Comp. IRP		\$35,006	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0						\$765	\$212	\$87	\$80	\$99	\$31	\$60	\$24	FY10-Comp. MMRP		\$11,136	
Not Required	2	MRSPP-5	0	No Longer Required	5														FY10-Complete		\$46,142	
Total IRP Sites	48	MRSPP-6	0	Total MRSs	11						Total	\$264,335	\$4,014	\$1,435	\$558	\$1,889	\$111	\$1,460	\$24			
Total Number of IRP Installations with Sites																23						
Total Number of MMRP Installations with Sites																11						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP					Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP			

Montana

Active Installations

IRP Sites and MRSs by Classification				Study	93	8	0	3	22	0	\$9,598	\$370	\$0	\$0	\$0	\$562	\$0	\$0	FY12	\$734	\$133	
Response Complete	83	Response Complete	8	IRA	10(18)	0	0	0			\$1,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$323	\$5,387	
High	0	MRSPP-1	0	MRSPP-7	0	Design	13	0	0	0	\$775	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$270	\$1,910	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	27	1	3	0	\$6,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$198	\$2	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	8	0	\$2,131	\$0	\$168	\$0	\$730	\$0	\$482	\$0	FY10-Comp. IRP		\$4,815	
Not Evaluated	22	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	\$496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,551	
Not Required	7	MRSPP-5	1	No Longer Required	8																	
Total IRP Sites	115	MRSPP-6	1	Total MRSs	11						Total	\$20,495	\$370	\$168	\$0	\$730	\$562	\$482	\$0	FY10-Complete		\$13,366
Total Number of IRP Installations with Sites																						
Total Number of MMRP Installations with Sites																						

BRAC Installations

IRP Sites and MRSs by Classification				Study	22	1	0	0	0	0	\$602	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	22	Response Complete	1	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	\$25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	1																	
Total IRP Sites	22	MRSPP-6	0	Total MRSs	1						Total	\$627	\$0	FY10-Complete		\$0						
Total Number of IRP Installations with Sites																						
Total Number of MMRP Installations with Sites																						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	17	2	0	8	0	0	\$4,389	\$870	\$0	\$431	\$0	\$700	\$0	\$50	FY12	\$0	\$0	
Response Complete	17	Response Complete	2	IRA	1(1)	0	0	0			\$630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	\$413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	13	0	0	0	\$3,264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$34	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$711	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	2	0	\$763	\$0	\$34	\$0	\$269	\$0	\$286	\$0	FY10-Comp. MMRP		\$11,573	
Not Required	0	MRSPP-5	3	No Longer Required	2																	
Total IRP Sites	17	MRSPP-6	0	Total MRSs	10						Total	\$9,459	\$870	\$34	\$431	\$269	\$700	\$286	\$50	FY10-Complete		\$12,284
Total Number of IRP Installations with Sites																						
Total Number of MMRP Installations with Sites																						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Nebraska

Active Installations

IRP Sites and MRSs by Classification					Study	155	0	0	6	5	1	\$23,886	\$907	\$0	\$216	\$0	\$1,367	\$0	\$1,208	FY12	\$2,070	\$2,685
Response Complete	144	Response Complete	0		IRA	75(259)	0	0	1(2)			\$30,723	\$5,515	\$0	\$5,515	\$0	\$201	\$0	\$209	FY13	\$1,692	\$2,560
High	0	MRSPP-1	0	MRSPP-7	0	Design	15	0	0	0	5	\$8,485	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,691	\$2,798
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	15	0	0	0	5	\$17,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,477	\$556
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	4	0	7	0	5	\$20,769	\$0	\$2,418	\$0	\$2,255	\$0	\$1,693	\$0	FY10-Comp. IRP		\$20,303
Not Evaluated	5	MRSPP-4	1	No Known/Suspected	0	LTM	10	0	7	0	6	\$10,759	\$0	\$19	\$0	\$0	\$0	\$73	\$0	FY10-Comp. MMRP		\$14,040
Not Required	11	MRSPP-5	0	No Longer Required	0															FY10-Complete		\$34,343
Total IRP Sites	160	MRSPP-6	0	Total MRSs	7							Total	\$112,500	\$6,422	\$2,437	\$5,731	\$2,255	\$1,568	\$1,766	\$1,417		
Total Number of IRP Installations with Sites					20																	
Total Number of MMRP Installations with Sites					2																	

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	48	9	14	17	2	1	\$100,753	\$5,167	\$4,525	\$578	\$2,593	\$850	\$3,119	\$60	FY12	\$10,678	\$0
Response Complete	40	Response Complete	8		IRA	8(8)	1(1)	1(1)	0			\$4,628	\$0	\$1	\$0	\$0	\$0	\$145	\$0	FY13	\$8,568	\$0
High	10	MRSPP-1	0	MRSPP-7	2	Design	32	0	5	0	19	\$19,701	\$0	\$130	\$0	\$536	\$0	\$260	\$0	FY14	\$7,951	\$33
Medium	8	MRSPP-2	0	MRSPP-8	0	RA-C	32	4	7	1	10	\$89,862	\$6,798	\$12,059	\$0	\$4,813	\$10	\$4,298	\$0	FY15	\$12,542	\$52
Low	2	MRSPP-3	0	Evaluation Pending	12	RA-O	2	0	3	0	9	\$40,669	\$0	\$11,118	\$0	\$10,017	\$0	\$5,791	\$0	FY10-Comp. IRP		\$387,852
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	12	4	3	2	14	\$879	\$16	\$155	\$5	\$188	\$42	\$131	\$0	FY10-Comp. MMRP		\$79,702
Not Required	4	MRSPP-5	0	No Longer Required	7															FY10-Complete		\$467,554
Total IRP Sites	64	MRSPP-6	5	Total MRSs	27							Total	\$256,492	\$11,981	\$27,988	\$583	\$18,147	\$902	\$13,744	\$60		
Total Number of IRP Installations with Sites					34																	
Total Number of MMRP Installations with Sites					27																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

	Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
		Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Nevada

Active Installations

IRP Sites and MRSs by Classification					Study	264	10	1	25	7	0	\$45,979	\$1,715	\$99	\$41	\$0	\$11,315	\$0	\$0	FY12	\$2,176	\$0	
Response Complete	240	Response Complete	10		IRA	26(28)	0	1(1)	0			\$20,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,259	\$377	
High	0	MRSPP-1	0	MRSPP-7	0	Design	65	0	1	0	2	16	\$4,202	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,133	\$7,512	
Medium	4	MRSPP-2	0	MRSPP-8	1	RA-C	89	0	6	0	1	21	\$41,243	\$0	\$1,188	\$0	\$558	\$0	\$600	\$0	FY15	\$618	\$35,725
Low	3	MRSPP-3	2	Evaluation Pending	16	RA-O	13	0	11	0	3	0	\$29,391	\$0	\$2,138	\$0	\$1,058	\$0	\$976	\$0	FY10-Comp. IRP	\$20,105	
Not Evaluated	8	MRSPP-4	1	No Known/Suspected	1	LTM	17	0	20	0	7	21	\$6,571	\$0	\$768	\$0	\$2,433	\$0	\$647	\$0	FY10-Comp. MMRP	\$288,191	
Not Required	17	MRSPP-5	3	No Longer Required	10																		
Total IRP Sites	272	MRSPP-6	1	Total MRSs	35							Total	\$147,421	\$1,715	\$4,193	\$41	\$4,049	\$11,315	\$2,223	\$0	FY10-Complete	\$308,296	
Total Number of IRP Installations with Sites					7																		
Total Number of MMRP Installations with Sites					3																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	18	26	1	4	1	0	\$7,705	\$1,415	\$623	\$165	\$144	\$49	\$0	\$0	FY12	\$354	\$0	
Response Complete	15	Response Complete	25		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$16	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	0	0	3	\$475	\$0	\$1	\$0	\$5	\$0	\$11	\$0	FY14	\$9	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	9	3	2	0	0	3	\$6,281	\$192	\$377	\$0	\$10	\$0	\$1	\$0	FY15	\$9	\$0
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	1	0	0	0	0	0	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$637	
Not Evaluated	2	MRSPP-4	1	No Known/Suspected	1	LTM	7	7	1	0	0	3	\$114	\$68	\$15	\$10	\$6	\$0	\$0	\$0	FY10-Comp. MMRP	\$52,282	
Not Required	3	MRSPP-5	0	No Longer Required	24																		
Total IRP Sites	20	MRSPP-6	0	Total MRSs	30							Total	\$14,593	\$1,675	\$1,016	\$175	\$165	\$49	\$12	\$0	FY10-Complete	\$52,919	
Total Number of IRP Installations with Sites					17																		
Total Number of MMRP Installations with Sites					29																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Hampshire

Active Installations

IRP Sites and MRSs by Classification				Study	82	2	0	7	1	0	\$3,136	\$6,732	\$0	\$5,783	\$0	\$2,651	\$0	\$0	FY12	\$745	\$1,032	
Response Complete	79	Response Complete	2	IRA	4(4)	0	0	5(5)			\$1,380	\$7,531	\$0	\$815	\$0	\$0	\$0	\$0	FY13	\$576	\$61,785	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	\$559	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$491	\$639	
Medium	0	MRSPP-2	4	MRSPP-8	1	RA-C	19	0	0	0	\$3,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$499	\$0	
Low	0	MRSPP-3	1	Evaluation Pending	0	RA-O	3	0	3	0	\$4,897	\$0	\$259	\$0	\$841	\$0	\$362	\$0	FY10-Comp. IRP		\$9,161	
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	0	LTM	1	0	1	0	\$738	\$75	\$69	\$75	\$50	\$0	\$153	\$17	FY10-Comp. MMRP		\$66,124	
Not Required	3	MRSPP-5	0	No Longer Required	2																	
Total IRP Sites	83	MRSPP-6	0	Total MRSs	9						Total	\$14,456	\$14,338	\$328	\$6,673	\$891	\$2,651	\$515	\$17	FY10-Complete		\$75,285
Total Number of IRP Installations with Sites																8						
Total Number of MMRP Installations with Sites																2						

BRAC Installations

IRP Sites and MRSs by Classification				Study	61	1	0	0	0	0	\$69,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,222	\$0	
Response Complete	43	Response Complete	1	IRA	24(35)	0	0	0			\$24,205	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,225	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	16	0	0	0	\$1,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,476	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	21	0	1	0	\$35,719	\$0	\$0	\$0	\$278	\$0	\$0	\$0	FY15	\$861	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	17	0	\$24,575	\$0	\$4,015	\$0	\$17	\$0	\$298	\$0	FY10-Comp. IRP		\$16,976	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	12	0	\$11,220	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	17	MRSPP-5	0	No Longer Required	1																	
Total IRP Sites	61	MRSPP-6	0	Total MRSs	1						Total	\$166,550	\$0	\$4,015	\$0	\$295	\$0	\$298	\$0	FY10-Complete		\$16,976
Total Number of IRP Installations with Sites																1						
Total Number of MMRP Installations with Sites																1						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	13	5	1	0	0	0	\$481	\$0	\$5	\$0	\$12	\$0	\$4	\$0	FY12	\$0	\$0	
Response Complete	13	Response Complete	5	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	\$107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	\$266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$16	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	5																	
Total IRP Sites	14	MRSPP-6	0	Total MRSs	5						Total	\$854	\$0	\$5	\$0	\$12	\$0	\$4	\$0	FY10-Complete		\$16
Total Number of IRP Installations with Sites																11						
Total Number of MMRP Installations with Sites																5						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Jersey

Active Installations

IRP Sites and MRSs by Classification					Study	390	14	82	17	31	0	\$128,535	\$5,678	\$2,384	\$0	\$8,263	\$30	\$0	\$2,565	FY12	\$7,548	\$5,663	
Response Complete	343	Response Complete	12		IRA	64(79)	2(3)	1(1)	4(6)			\$17,408	\$7,156	\$0	\$4,398	\$0	\$1,437	\$0	\$2,158	FY13	\$5,933	\$2,976	
High	12	MRSPP-1	0	MRSPP-7	0	Design	38	0	37	0	15	\$8,787	\$0	\$0	\$0	\$0	\$0	\$1,071	\$0	FY14	\$8,429	\$1,303	
Medium	44	MRSPP-2	0	MRSPP-8	0	RA-C	58	0	46	0	19	\$105,653	\$0	\$4,679	\$0	\$144	\$0	\$31,523	\$0	FY15	\$6,854	\$4,518	
Low	25	MRSPP-3	4	Evaluation Pending	7	RA-O	8	0	41	0	42	\$42,285	\$0	\$3,382	\$0	\$2,502	\$0	\$4,419	\$0	FY10-Comp. IRP		\$179,730	
Not Evaluated	37	MRSPP-4	3	No Known/Suspected	0	LTM	15	0	21	0	34	\$11,299	\$0	\$290	\$0	\$435	\$0	\$583	\$0	FY10-Comp. MMRP		\$120,344	
Not Required	42	MRSPP-5	5	No Longer Required	12																		
Total IRP Sites	503	MRSPP-6	0	Total MRSs	31							Total	\$313,967	\$12,834	\$10,735	\$4,398	\$11,344	\$1,467	\$37,596	\$4,723	FY10-Complete		\$300,074
Total Number of IRP Installations with Sites					19																		
Total Number of MMRP Installations with Sites					5																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	120	3	2	0	0	0	\$17,595	\$0	\$19	\$0	\$0	\$0	\$0	\$0	FY12	\$1,132	\$0	
Response Complete	107	Response Complete	3		IRA	5(8)	0	0	0			\$985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$900	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	28	0	1	0	0	\$4,026	\$202	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$873	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	37	0	2	0	0	\$37,855	\$202	\$0	\$0	\$219	\$0	\$0	\$0	FY15	\$1,171	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	12	0	1	\$9,813	\$0	\$1,161	\$0	\$5,764	\$0	\$792	\$0	FY10-Comp. IRP		\$31,905	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	13	0	11	\$2,072	\$0	\$309	\$0	\$4,472	\$0	\$500	\$0	FY10-Comp. MMRP		\$0	
Not Required	12	MRSPP-5	0	No Longer Required	3																		
Total IRP Sites	122	MRSPP-6	0	Total MRSs	3							Total	\$72,346	\$404	\$1,489	\$0	\$10,455	\$0	\$1,292	\$0	FY10-Complete		\$31,905
Total Number of IRP Installations with Sites					12																		
Total Number of MMRP Installations with Sites					3																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	42	12	6	10	2	2	\$32,689	\$6,187	\$742	\$879	\$1,693	\$104	\$16	\$226	FY12	\$2,199	\$813	
Response Complete	23	Response Complete	12		IRA	4(4)	4(4)	0	0			\$12,074	\$539	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,250	\$759	
High	6	MRSPP-1	0	MRSPP-7	1	Design	22	1	3	0	12	\$2,107	\$33	\$15	\$0	\$11	\$0	\$175	\$0	FY14	\$4,299	\$962	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	25	4	2	4	11	\$20,350	\$8,861	\$891	\$3,619	\$70	\$550	\$256	\$265	FY15	\$4,513	\$893	
Low	1	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$69,773	
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	3	2	0	1	4	\$0	\$16	\$0	\$10	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$79,260	
Not Required	19	MRSPP-5	0	No Longer Required	12																		
Total IRP Sites	50	MRSPP-6	2	Total MRSs	24							Total	\$67,220	\$15,636	\$1,648	\$4,508	\$1,774	\$654	\$447	\$491	FY10-Complete		\$149,033
Total Number of IRP Installations with Sites					27																		
Total Number of MMRP Installations with Sites					20																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Mexico

Active Installations

IRP Sites and MRSs by Classification				Study	269	11	16	35	68	0	\$60,423	\$5,968	\$1,697	\$15	\$858	\$11,532	\$0	\$3,300	FY12	\$4,249	\$89,473			
Response Complete	237	Response Complete	11	IRA	47(53)	2(2)	6(8)	3(3)			\$36,115	\$4,115	\$3,529	\$0	\$14,031	\$0	\$1,106	\$0	FY13	\$4,997	\$76,347			
High	1	MRSPP-1	0	MRSPP-7	2	Design	32	0	1	0	4	24	\$4,826	\$0	\$0	\$0	\$681	\$0	\$10	\$0	FY14	\$3,336	\$125,821	
Medium	6	MRSPP-2	0	MRSPP-8	7	RA-C	44	0	16	0	5	34	\$79,772	\$0	\$0	\$0	\$0	\$1,939	\$0	FY15	\$3,160	\$130,732		
Low	21	MRSPP-3	2	Evaluation Pending	15	RA-O	7	0	14	0	7	19	\$24,893	\$0	\$5,788	\$0	\$1,906	\$0	\$2,226	\$0	FY10-Comp. IRP		\$77,210	
Not Evaluated	75	MRSPP-4	1	No Known/Suspected	3	LTM	19	0	38	0	10	34	\$12,853	\$0	\$384	\$0	\$1,782	\$0	\$569	\$0	FY10-Comp. MMRP		\$480,281	
Not Required	13	MRSPP-5	5	No Longer Required	11																FY10-Complete		\$557,491	
Total IRP Sites	353	MRSPP-6	0	Total MRSs	46								Total	\$218,882	\$10,083	\$11,398	\$15	\$19,258	\$11,532	\$5,850	\$3,300	FY10-Complete		
Total Number of IRP Installations with Sites																12								
Total Number of MMRP Installations with Sites																3								

BRAC Installations

IRP Sites and MRSs by Classification				Study	27	2	16	3	0	0	\$15,828	\$1,343	\$844	\$0	\$1,184	\$1,286	\$846	\$7,301	FY12	\$2,571	\$0			
Response Complete	26	Response Complete	2	IRA	1(1)	0	0	1(2)			\$0	\$4,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,992	\$1,369		
High	7	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	0	12	3	\$2,826	\$60	\$0	\$0	\$0	\$58	\$0	FY14	\$2,954	\$0		
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	13	3	\$23,735	\$60	\$2,469	\$0	\$2,000	\$0	\$2,995	\$0	FY15	\$5,429	\$3,360	
Low	7	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$74,500		
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	6	1	\$364	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$69,905		
Not Required	0	MRSPP-5	0	No Longer Required	2																FY10-Complete		\$144,405	
Total IRP Sites	43	MRSPP-6	0	Total MRSs	5								Total	\$42,753	\$5,483	\$3,313	\$0	\$3,184	\$1,286	\$3,899	\$7,301	FY10-Complete		
Total Number of IRP Installations with Sites																1								
Total Number of MMRP Installations with Sites																1								

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	55	19	21	105	5	4	\$28,898	\$23,957	\$6,799	\$6,039	\$1,013	\$736	\$7,883	\$0	FY12	\$4,125	\$3,328			
Response Complete	53	Response Complete	18	IRA	1(1)	1(1)	0	0			\$161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$9,745	\$2,812		
High	1	MRSPP-1	0	MRSPP-7	28	Design	30	0	3	2	17	119	\$2,491	\$62	\$140	\$0	\$10	\$50	\$0	\$0	FY14	\$14,396	\$2,089	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	35	1	5	2	19	119	\$7,490	\$1,217	\$622	\$0	\$111	\$8,100	\$474	\$2,111	FY15	\$12,337	\$559	
Low	0	MRSPP-3	1	Evaluation Pending	74	RA-O	0	0	1	0	1	0	\$0	\$0	\$0	\$0	\$274	\$0	\$0	\$0	FY10-Comp. IRP		\$80,728	
Not Evaluated	15	MRSPP-4	1	No Known/Suspected	2	LTM	21	3	2	0	4	121	\$24	\$1	\$7	\$1	\$103	\$0	\$384	\$0	FY10-Comp. MMRP		\$879,872	
Not Required	9	MRSPP-5	3	No Longer Required	16																	FY10-Complete		\$960,600
Total IRP Sites	81	MRSPP-6	3	Total MRSs	128								Total	\$39,064	\$25,237	\$7,568	\$6,040	\$1,511	\$8,886	\$8,741	\$2,111	FY10-Complete		
Total Number of IRP Installations with Sites																25								
Total Number of MMRP Installations with Sites																121								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New York

Active Installations

IRP Sites and MRSs by Classification					Study	593	15	13	13	2	2	\$59,174	\$1,013	\$1,668	\$0	\$800	\$40	\$445	\$0	FY12	\$9,130	\$126	
Response Complete	565	Response Complete	15		IRA	48(73)	1(1)	1(1)	1(1)			\$29,277	\$812	\$3,474	\$674	\$1,672	\$0	\$386	\$0	FY13	\$6,853	\$1,001	
High	3	MRSPP-1	0	MRSPP-7	0	Design	48	0	1	0	3	\$7,076	\$0	\$0	\$0	\$0	\$0	\$417	\$0	FY14	\$7,203	\$14,177	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	97	0	5	0	3	\$74,658	\$0	\$3,339	\$0	\$1,190	\$0	\$8,345	\$0	FY15	\$24,339	\$18,495	
Low	3	MRSPP-3	1	Evaluation Pending	2	RA-O	1	0	18	0	8	\$10,715	\$0	\$1,387	\$0	\$1,795	\$0	\$1,100	\$0	FY10-Comp. IRP		\$107,512	
Not Evaluated	15	MRSPP-4	5	No Known/Suspected	0	LTM	24	0	25	0	14	\$27,772	\$0	\$10,521	\$0	\$1,991	\$0	\$2,679	\$0	FY10-Comp. MMRP		\$41,639	
Not Required	21	MRSPP-5	7	No Longer Required	15																		
Total IRP Sites	608	MRSPP-6	0	Total MRSs	30							Total	\$208,672	\$1,825	\$20,389	\$674	\$7,448	\$40	\$13,372	\$0	FY10-Complete		\$149,151
Total Number of IRP Installations with Sites					75																		
Total Number of MMRP Installations with Sites					5																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	235	32	8	4	0	0	\$96,213	\$100	\$0	\$0	\$1,309	\$80	\$0	\$136	FY12	\$443	\$97	
Response Complete	212	Response Complete	32		IRA	73(90)	1(1)	0	1(1)			\$23,289	\$6,157	\$0	\$0	\$0	\$17,465	\$0	\$0	FY13	\$431	\$167	
High	4	MRSPP-1	0	MRSPP-7	0	Design	23	1	0	0	2	\$22,287	\$60	\$0	\$0	\$1,259	\$0	\$0	\$39	FY14	\$405	\$151	
Medium	5	MRSPP-2	0	MRSPP-8	0	RA-C	41	5	2	0	3	\$106,927	\$4,720	\$0	\$0	\$3,319	\$0	\$0	\$477	FY15	\$1,382	\$151	
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	4	0	18	0	4	\$19,663	\$0	\$3,678	\$0	\$6,259	\$0	\$4,013	\$0	FY10-Comp. IRP		\$48,439	
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	34	3	19	\$14,535	\$214	\$326	\$0	\$1,695	\$2	\$4,141	\$2	FY10-Comp. MMRP		\$21,843	
Not Required	18	MRSPP-5	0	No Longer Required	32																		
Total IRP Sites	243	MRSPP-6	0	Total MRSs	36							Total	\$282,914	\$11,251	\$4,004	\$0	\$13,841	\$17,547	\$8,154	\$654	FY10-Complete		\$70,282
Total Number of IRP Installations with Sites					12																		
Total Number of MMRP Installations with Sites					5																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	106	10	17	12	10	0	\$35,040	\$6,049	\$1,453	\$345	\$1,260	\$45	\$2,422	\$0	FY12	\$3,539	\$21	
Response Complete	41	Response Complete	9		IRA	9(9)	1(1)	0	0			\$9,381	\$1,099	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$5,831	\$21	
High	12	MRSPP-1	0	MRSPP-7	0	Design	28	1	5	0	69	\$4,533	\$6	\$33	\$0	\$265	\$0	\$132	\$0	FY14	\$5,309	\$80	
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	33	2	11	0	68	\$24,366	\$2,396	\$896	\$0	\$3,615	\$0	\$2,069	\$0	FY15	\$7,584	\$21	
Low	2	MRSPP-3	0	Evaluation Pending	11	RA-O	0	0	0	0	9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$185,076	
Not Evaluated	6	MRSPP-4	2	No Known/Suspected	1	LTM	5	0	1	0	13	\$12	\$0	\$1	\$0	\$537	\$21	\$161	\$21	FY10-Comp. MMRP		\$75,621	
Not Required	66	MRSPP-5	0	No Longer Required	8																		
Total IRP Sites	133	MRSPP-6	0	Total MRSs	22							Total	\$73,332	\$9,550	\$2,383	\$345	\$5,677	\$66	\$4,784	\$21	FY10-Complete		\$260,697
Total Number of IRP Installations with Sites					80																		
Total Number of MMRP Installations with Sites					22																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

North Carolina

Active Installations

IRP Sites and MRSs by Classification				Study	517	41	37	21	34	4	\$106,414	\$7,340	\$668	\$911	\$322	\$1,969	\$409	\$2,965	FY12	\$10,827	\$6,710			
Response Complete	394	Response Complete	35	IRA	69(92)	0	1(1)	0			\$46,525	\$0	\$306	\$0	\$0	\$0	\$0	\$0	FY13	\$8,817	\$5,622			
High	9	MRSPP-1	0	MRSPP-7	2	Design	101	4	2	0	4	14	\$14,844	\$0	\$0	\$439	\$0	\$113	\$0	FY14	\$9,944	\$8,122		
Medium	5	MRSPP-2	1	MRSPP-8	5	RA-C	115	4	12	1	17	24	\$73,687	\$880	\$5,351	\$0	\$2,587	\$200	\$9,458	\$0	FY15	\$14,171	\$3,736	
Low	0	MRSPP-3	2	Evaluation Pending	14	RA-O	59	3	63	0	22	3	\$91,445	\$0	\$4,773	\$0	\$7,472	\$0	\$5,066	\$0	FY10-Comp. IRP	\$175,436		
Not Evaluated	71	MRSPP-4	4	No Known/Suspected	0	LTM	22	3	15	0	54	19	\$12,775	\$0	\$426	\$0	\$698	\$0	\$421	\$0	FY10-Comp. MMRP	\$96,721		
Not Required	109	MRSPP-5	2	No Longer Required	35																			
Total IRP Sites	588	MRSPP-6	1	Total MRSs	66								Total	\$345,690	\$8,220	\$11,524	\$911	\$11,518	\$2,169	\$15,467	\$2,965	FY10-Complete	\$272,157	
Total Number of IRP Installations with Sites																35								
Total Number of MMRP Installations with Sites																5								

BRAC Installations

IRP Sites and MRSs by Classification				Study	2	0	0	0	0	0	\$95	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0		
Response Complete	2	Response Complete	0	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0			
Not Required	0	MRSPP-5	0	No Longer Required	0																			
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0								Total	\$95	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$0	
Total Number of IRP Installations with Sites																1								
Total Number of MMRP Installations with Sites																0								

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	37	5	0	17	0	5	\$10,195	\$9,591	\$0	\$557	\$0	\$75	\$0	\$835	FY12	\$933	\$2,130			
Response Complete	32	Response Complete	4	IRA	1(1)	1(1)	0	0			\$135	\$891	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,074	\$2,583			
High	2	MRSPP-1	0	MRSPP-7	0	Design	24	0	2	0	0	23	\$933	\$0	\$147	\$0	\$270	\$0	\$0	FY14	\$897	\$1,660		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	25	2	1	2	2	21	\$7,020	\$7,857	\$62	\$926	\$37	\$61	\$2,520	\$657	FY15	\$921	\$1,397	
Low	0	MRSPP-3	0	Evaluation Pending	19	RA-O	1	0	1	0	2	0	\$100	\$0	\$98	\$0	\$212	\$0	\$20	\$0	FY10-Comp. IRP	\$15,934		
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	1	LTM	7	0	1	2	4	19	\$148	\$76	\$29	\$0	\$50	\$0	\$158	\$0	FY10-Comp. MMRP	\$332,955		
Not Required	3	MRSPP-5	1	No Longer Required	4																			
Total IRP Sites	37	MRSPP-6	0	Total MRSs	27								Total	\$18,531	\$18,415	\$336	\$1,483	\$569	\$136	\$2,698	\$1,492	FY10-Complete	\$348,889	
Total Number of IRP Installations with Sites																20								
Total Number of MMRP Installations with Sites																22								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

North Dakota

Active Installations

IRP Sites and MRSs by Classification					Study	73	2	0	9	11	1	\$8,538	\$1,900	\$153	\$0	\$591	\$1,660	\$0	\$2,640	FY12	\$544	\$3,207	
Response Complete	69	Response Complete	2		IRA	5(5)	0	0	0			\$447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$601	\$2,407	
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	1	\$3,605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$463	\$8,849	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	26	0	0	0	1	\$15,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$438	\$581	
Low	0	MRSPP-3	0	Evaluation Pending	10	RA-O	4	0	2	0	1	\$2,311	\$0	\$89	\$0	\$90	\$0	\$274	\$0	FY10-Comp. IRP		\$6,533	
Not Evaluated	11	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	1	\$3,630	\$0	\$103	\$0	\$345	\$0	\$205	\$0	FY10-Comp. MMRP		\$21,173	
Not Required	3	MRSPP-5	0	No Longer Required	2																		
Total IRP Sites	84	MRSPP-6	0	Total MRSs	12							Total	\$33,631	\$1,900	\$345	\$0	\$1,026	\$1,660	\$479	\$2,640	FY10-Complete		\$27,706
Total Number of IRP Installations with Sites					8																		
Total Number of MMRP Installations with Sites					4																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	5	0	0	0	0	0	\$449	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	5	Response Complete	0		IRA	1(1)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	\$322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	\$773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	5	MRSPP-6	0	Total MRSs	0							Total	\$1,544	\$0	FY10-Complete		\$0						
Total Number of IRP Installations with Sites					4																		
Total Number of MMRP Installations with Sites					0																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)								
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP									
Northern Mariana Islands																							
◀ Formerly Used Defense Sites																							
IRP Sites and MRSs by Classification																							
					Study	16	0	1	6	1	0	\$2,767	\$229	\$0	\$224	\$283	\$45	\$0	\$828	FY12	\$320	\$92	
Response Complete	12	Response Complete	0		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,050	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	0	1	0	4	6	\$1,300	\$0	\$26	\$0	\$191	\$0	\$0	FY14	\$2,542	\$12,234	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	6	6	\$4,039	\$0	\$0	\$0	\$0	\$0	\$1,949	\$0	FY15	\$1,358	\$0
Low	2	MRSPP-3	0	Evaluation Pending	6	RA-O	4	0	0	0	1	0	\$18,354	\$0	\$24	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$24,150	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	5	6	\$165	\$0	\$0	\$0	\$0	\$0	\$1,808	\$0	FY10-Comp. MMRP	\$323,619	
Not Required	2	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	18	MRSPP-6	0	Total MRSs	6								Total	\$26,625	\$229	\$50	\$224	\$474	\$45	\$3,757	\$828	FY10-Complete	\$347,769
Total Number of IRP Installations with Sites					13																		
Total Number of MMRP Installations with Sites					6																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Ohio

Active Installations

IRP Sites and MRSs by Classification				Study	443	6	37	15	0	1	\$159,686	\$5,326	\$2,509	\$4,513	\$10,363	\$6,233	\$1,769	\$0	FY12	\$7,003	\$2,044		
Response Complete	426	Response Complete	6	IRA	62(77)	1(1)	5(5)	1(1)			\$13,428	\$374	\$2,444	\$90	\$122	\$0	\$0	\$0	FY13	\$7,709	\$956		
High	8	MRSPP-1	0	MRSPP-7	0	Design	14	0	19	5	13	10	\$17,105	\$0	\$0	\$0	\$139	\$0	\$0	FY14	\$5,033	\$5,197	
Medium	19	MRSPP-2	0	MRSPP-8	0	RA-C	43	0	23	5	15	10	\$69,873	\$0	\$473	\$0	\$728	\$0	\$63	\$0	FY15	\$2,739	\$392
Low	10	MRSPP-3	0	Evaluation Pending	16	RA-O	14	0	5	0	7	0	\$19,841	\$0	\$1,344	\$0	\$2,133	\$0	\$3,056	\$0	FY10-Comp. IRP	\$84,473	
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	17	0	9	14	\$18,850	\$0	\$2,469	\$0	\$2,703	\$0	\$2,515	\$0	FY10-Comp. MMRP	\$22,566	
Not Required	7	MRSPP-5	0	No Longer Required	6																		
Total IRP Sites	480	MRSPP-6	0	Total MRSs	22						Total	\$298,783	\$5,700	\$9,239	\$4,603	\$16,188	\$6,233	\$7,403	\$0	FY10-Complete	\$107,039		
Total Number of IRP Installations with Sites																51							
Total Number of MMRP Installations with Sites																3							

BRAC Installations

IRP Sites and MRSs by Classification				Study	81	0	0	0	0	0	\$18,293	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	73	Response Complete	0	IRA	27(28)	0	0	0			\$5,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	0	0	\$2,136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	0	0	0	0	\$5,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	8	0	0	0	\$11,265	\$0	\$408	\$0	\$0	\$0	\$1,763	\$0	FY10-Comp. IRP	\$10,467	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	26	0	8	0	\$344	\$0	\$82	\$0	\$0	\$0	\$518	\$0	FY10-Comp. MMRP	\$0	
Not Required	8	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	81	MRSPP-6	0	Total MRSs	0						Total	\$43,756	\$0	\$490	\$0	\$0	\$0	\$2,281	\$0	FY10-Complete	\$10,467		
Total Number of IRP Installations with Sites																3							
Total Number of MMRP Installations with Sites																0							

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	50	6	21	3	2	1	\$57,436	\$4,288	\$4,026	\$19	\$1,754	\$0	\$1,050	\$0	FY12	\$8,670	\$0		
Response Complete	46	Response Complete	5	IRA	6(6)	1(1)	0	0			\$4,033	\$362	\$315	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$11,080	\$0	
High	14	MRSPP-1	0	MRSPP-7	0	Design	15	1	9	0	12	2	\$4,020	\$42	\$436	\$0	\$495	\$0	\$150	\$0	FY14	\$8,331	\$0
Medium	5	MRSPP-2	0	MRSPP-8	0	RA-C	22	1	6	1	16	2	\$42,287	\$1,917	\$3,333	\$451	\$5,954	\$0	\$1,496	\$0	FY15	\$10,287	\$0
Low	5	MRSPP-3	0	Evaluation Pending	5	RA-O	2	0	1	0	4	0	\$208	\$0	\$0	\$0	\$1,312	\$0	\$656	\$0	FY10-Comp. IRP	\$124,402	
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	22	4	4	2	13	2	\$1,112	\$146	\$266	\$26	\$214	\$0	\$421	\$0	FY10-Comp. MMRP	\$20,180	
Not Required	1	MRSPP-5	0	No Longer Required	5																		
Total IRP Sites	73	MRSPP-6	0	Total MRSs	10						Total	\$109,096	\$6,755	\$8,376	\$496	\$9,729	\$0	\$3,773	\$0	FY10-Complete	\$144,582		
Total Number of IRP Installations with Sites																28							
Total Number of MMRP Installations with Sites																8							

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Oklahoma

Active Installations

IRP Sites and MRSs by Classification					Study	338	1	1	21	23	0	\$117,629	\$5,244	\$0	\$2,819	\$204	\$3,390	\$0	\$1,111	FY12	\$10,265	\$18,572	
Response Complete	303	Response Complete	1		IRA	54(93)	0	1(1)	0			\$90,538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$10,002	\$3,182	
High	0	MRSPP-1	0	MRSPP-7	0	Design	28	0	2	0	18	\$20,823	\$0	\$0	\$0	\$0	\$0	\$0	\$475	FY14	\$3,420	\$3,301	
Medium	5	MRSPP-2	0	MRSPP-8	0	RA-C	38	0	6	0	1	\$62,581	\$0	\$3,510	\$0	\$622	\$0	\$0	\$0	FY15	\$5,867	\$2,620	
Low	3	MRSPP-3	1	Evaluation Pending	15	RA-O	7	0	28	0	3	\$54,379	\$0	\$5,365	\$0	\$1,527	\$0	\$6,950	\$0	FY10-Comp. IRP		\$75,409	
Not Evaluated	24	MRSPP-4	1	No Known/Suspected	0	LTM	19	0	23	0	29	\$25,809	\$0	\$707	\$0	\$937	\$0	\$1,031	\$0	FY10-Comp. MMRP		\$35,127	
Not Required	27	MRSPP-5	4	No Longer Required	1																		
Total IRP Sites	362	MRSPP-6	0	Total MRSs	22							Total	\$371,759	\$5,244	\$9,582	\$2,819	\$3,290	\$3,390	\$7,981	\$1,586	FY10-Complete		\$110,536
Total Number of IRP Installations with Sites					38																		
Total Number of MMRP Installations with Sites					4																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	56	13	3	7	0	3	\$14,384	\$6,627	\$17	\$601	\$157	\$132	\$358	\$0	FY12	\$674	\$75	
Response Complete	56	Response Complete	12		IRA	3(3)	2(2)	0	0			\$5,015	\$1,604	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$599	\$970	
High	1	MRSPP-1	0	MRSPP-7	0	Design	42	3	3	0	10	\$3,449	\$10	\$5	\$7	\$15	\$0	\$21	\$0	FY14	\$175	\$0	
Medium	2	MRSPP-2	1	MRSPP-8	0	RA-C	40	0	0	0	3	\$18,367	\$0	\$0	\$0	\$0	\$20	\$0	\$0	FY15	\$509	\$964	
Low	0	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$21,043	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	1	LTM	7	7	4	0	4	\$4,562	\$172	\$316	\$6	\$466	\$0	\$181	\$0	FY10-Comp. MMRP		\$50,345	
Not Required	0	MRSPP-5	2	No Longer Required	11																		
Total IRP Sites	59	MRSPP-6	0	Total MRSs	23							Total	\$45,777	\$8,413	\$338	\$614	\$638	\$152	\$560	\$0	FY10-Complete		\$71,388
Total Number of IRP Installations with Sites					34																		
Total Number of MMRP Installations with Sites					19																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Oregon

Active Installations

IRP Sites and MRSs by Classification				Study	68	2	0	4	6	3	\$11,874	\$2,609	\$0	\$0	\$106	\$198	\$0	\$260	FY12	\$296	\$432	
Response Complete	65	Response Complete	2	IRA	10(12)	0	0	0			\$4,469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$417	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	2	0	\$813	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$84	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	2	\$5,634	\$0	\$0	\$0	\$0	\$1,240	\$0	\$0	FY15	\$56	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	7	RA-O	2	0	1	0	\$102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$3,283	
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	6	0	3	0	\$1,320	\$0	\$152	\$0	\$768	\$0	\$234	\$0	FY10-Comp. MMRP		\$890	
Not Required	1	MRSPP-5	0	No Longer Required	2																	
Total IRP Sites	74	MRSPP-6	0	Total MRSs	9						Total	\$24,212	\$2,609	\$152	\$0	\$874	\$198	\$1,474	\$260	FY10-Complete		\$4,173
Total Number of IRP Installations with Sites																20						
Total Number of MMRP Installations with Sites																3						

BRAC Installations

IRP Sites and MRSs by Classification				Study	117	1	0	1	0	0	\$20,983	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,170	\$0	
Response Complete	116	Response Complete	1	IRA	0	0	0	0			\$590	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$555	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	13	1	0	0	\$397	\$91	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$586	\$58	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	14	1	0	0	\$28,675	\$856	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$555	\$254	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	1	0	\$2,693	\$0	\$12	\$0	\$391	\$0	\$422	\$0	FY10-Comp. IRP		\$7,040	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	1	\$1,517	\$0	\$0	\$0	\$79	\$0	\$79	\$0	FY10-Comp. MMRP		\$17,700	
Not Required	1	MRSPP-5	0	No Longer Required	1																	
Total IRP Sites	117	MRSPP-6	0	Total MRSs	2						Total	\$54,855	\$1,087	\$12	\$0	\$470	\$0	\$501	\$0	FY10-Complete		\$24,740
Total Number of IRP Installations with Sites																1						
Total Number of MMRP Installations with Sites																1						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	30	5	1	10	2	6	\$9,875	\$2,001	\$484	\$206	\$354	\$315	\$897	\$20	FY12	\$7,126	\$0	
Response Complete	29	Response Complete	5	IRA	2(2)	0	0	0			\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$7,673	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	25	0	1	0	\$3,229	\$0	\$0	\$0	\$0	\$0	\$1,287	\$0	FY14	\$3,784	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	2	0	\$12,608	\$0	\$141	\$0	\$25	\$0	\$5,405	\$0	FY15	\$3,268	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	15	RA-O	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$40,114	
Not Evaluated	2	MRSPP-4	1	No Known/Suspected	0	LTM	18	0	0	0	\$674	\$0	\$16	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$211,387	
Not Required	1	MRSPP-5	0	No Longer Required	5																	
Total IRP Sites	33	MRSPP-6	0	Total MRSs	21						Total	\$27,322	\$2,001	\$641	\$206	\$379	\$315	\$7,589	\$20	FY10-Complete		\$251,501
Total Number of IRP Installations with Sites																19						
Total Number of MMRP Installations with Sites																15						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Pennsylvania

Active Installations

IRP Sites and MRSs by Classification				Study	737	12	18	2	8	0	\$62,835	\$3,129	\$907	\$2,489	\$0	\$83	\$0	\$0	FY12	\$1,322	\$6
Response Complete	727	Response Complete	12	IRA	60(70)	0	1(1)	0			\$18,279	\$29	\$323	\$0	\$0	\$0	\$0	\$0	FY13	\$1,018	\$6
High	10	MRSPP-1	0	MRSPP-7	0						\$6,140	\$0	\$483	\$0	\$0	\$0	\$0	\$0	FY14	\$673	\$59
Medium	8	MRSPP-2	1	MRSPP-8	0						\$66,060	\$0	\$0	\$0	\$6,346	\$0	\$1,335	\$0	FY15	\$596	\$1,534
Low	2	MRSPP-3	0	Evaluation Pending	0						\$13,570	\$0	\$2,317	\$0	\$835	\$0	\$582	\$0	FY10-Comp. IRP		\$22,227
Not Evaluated	8	MRSPP-4	0	No Known/Suspected	0						\$6,685	\$1,737	\$717	\$875	\$495	\$25	\$663	\$6	FY10-Comp. MMRP		\$22,379
Not Required	8	MRSPP-5	0	No Longer Required	12														FY10-Complete		\$44,606
Total IRP Sites	763	MRSPP-6	1	Total MRSs	14						\$173,569	\$4,895	\$4,747	\$3,364	\$7,676	\$108	\$2,580	\$6			
Total Number of IRP Installations with Sites																95					
Total Number of MMRP Installations with Sites																4					

BRAC Installations

IRP Sites and MRSs by Classification				Study	157	2	17	0	0	0	\$30,163	\$0	\$991	\$0	\$489	\$0	\$0	\$0	FY12	\$1,827	\$0
Response Complete	146	Response Complete	2	IRA	17(19)	0	1(1)	0			\$10,104	\$0	\$0	\$0	\$137	\$0	\$67	\$0	FY13	\$1,751	\$0
High	8	MRSPP-1	0	MRSPP-7	0						\$7,254	\$0	\$0	\$0	\$79	\$0	\$0	\$0	FY14	\$1,791	\$0
Medium	4	MRSPP-2	0	MRSPP-8	0						\$40,494	\$0	\$0	\$0	\$372	\$0	\$899	\$0	FY15	\$1,721	\$0
Low	5	MRSPP-3	0	Evaluation Pending	0						\$22,058	\$0	\$1,693	\$0	\$2,756	\$0	\$1,884	\$0	FY10-Comp. IRP		\$34,926
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$2,894	\$0	\$182	\$0	\$33	\$0	\$5	\$0	FY10-Comp. MMRP		\$0
Not Required	11	MRSPP-5	0	No Longer Required	2														FY10-Complete		\$34,926
Total IRP Sites	174	MRSPP-6	0	Total MRSs	2						\$112,967	\$0	\$2,866	\$0	\$3,866	\$0	\$2,855	\$0			
Total Number of IRP Installations with Sites																20					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	68	29	1	4	1	3	\$17,242	\$2,719	\$754	\$59	\$595	\$525	\$3,579	\$441	FY12	\$5,153	\$9
Response Complete	61	Response Complete	13	IRA	3(3)	3(3)	0	0			\$897	\$4,891	\$11	\$0	\$0	\$0	\$0	\$0	FY13	\$7,661	\$172
High	4	MRSPP-1	0	MRSPP-7	0						\$3,390	\$110	\$134	\$93	\$0	\$50	\$356	\$0	FY14	\$2,929	\$75
Medium	1	MRSPP-2	0	MRSPP-8	0						\$22,821	\$28	\$500	\$5	\$423	\$261	\$1,858	\$0	FY15	\$1,149	\$9
Low	0	MRSPP-3	0	Evaluation Pending	23						\$1,424	\$0	\$418	\$0	\$255	\$0	\$425	\$0	FY10-Comp. IRP		\$32,764
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$1,753	\$143	\$135	\$0	\$34	\$0	\$34	\$27	FY10-Comp. MMRP		\$110,112
Not Required	4	MRSPP-5	0	No Longer Required	13														FY10-Complete		\$142,876
Total IRP Sites	70	MRSPP-6	0	Total MRSs	36						\$47,527	\$7,891	\$1,952	\$157	\$1,307	\$836	\$6,252	\$468			
Total Number of IRP Installations with Sites																41					
Total Number of MMRP Installations with Sites																18					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Puerto Rico

Active Installations

IRP Sites and MRSs by Classification				Study	132	4	14	3	2	0	\$34,374	\$23,686	\$485	\$823	\$959	\$2,174	\$114	\$4,477	FY12	\$2,176	\$19,183		
Response Complete	56	Response Complete	3	IRA	8(11)	0	3(3)	1(1)			\$6,643	\$0	\$0	\$0	\$669	\$8,223	\$0	\$5,064	FY13	\$1,546	\$18,896		
High	5	MRSPP-1	0	MRSPP-7	0	Design	5	1	2	1	5	1	\$2,115	\$2,892	\$0	\$581	\$0	\$100	\$298	\$117	FY14	\$3,131	\$19,301
Medium	2	MRSPP-2	1	MRSPP-8	0	RA-C	6	0	4	2	6	1	\$13,380	\$74,951	\$40	\$18,290	\$5	\$9,000	\$2,009	\$9,055	FY15	\$1,066	\$19,138
Low	6	MRSPP-3	1	Evaluation Pending	1	RA-O	2	0	3	0	4	0	\$2,329	\$0	\$226	\$0	\$0	\$0	\$410	\$0	FY10-Comp. IRP		\$27,238
Not Evaluated	7	MRSPP-4	1	No Known/Suspected	0	LTM	3	1	0	0	11	2	\$186	\$0	\$0	\$0	\$76	\$0	\$334	\$0	FY10-Comp. MMRP		\$248,510
Not Required	72	MRSPP-5	0	No Longer Required	3																FY10-Complete		\$275,748
Total IRP Sites	148	MRSPP-6	0	Total MRSs	7							Total	\$59,027	\$101,529	\$751	\$19,694	\$1,709	\$19,497	\$3,165	\$18,713	FY10-Complete		
Total Number of IRP Installations with Sites																10							
Total Number of MMRP Installations with Sites																5							

BRAC Installations

IRP Sites and MRSs by Classification				Study	36	1	23	1	3	0	\$5,503	\$1,792	\$21	\$1,792	\$3,079	\$0	\$2,998	\$1,465	FY12	\$9,503	\$285		
Response Complete	27	Response Complete	1	IRA	0	0	0	0			\$3,775	\$0	\$3,221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$706	\$0
High	3	MRSPP-1	0	MRSPP-7	0	Design	4	0	9	0	15	1	\$645	\$0	\$72	\$0	\$138	\$0	\$523	\$0	FY14	\$593	\$113
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	9	0	17	1	\$11,386	\$0	\$1,700	\$0	\$212	\$4,000	\$359	\$0	FY15	\$593	\$113
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	1	0	10	0	\$608	\$0	\$211	\$0	\$750	\$0	\$921	\$0	FY10-Comp. IRP		\$53,370
Not Evaluated	29	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	4	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,148
Not Required	3	MRSPP-5	0	No Longer Required	1																FY10-Complete		\$61,518
Total IRP Sites	62	MRSPP-6	0	Total MRSs	2							Total	\$21,917	\$1,792	\$5,225	\$1,792	\$4,179	\$4,000	\$4,801	\$1,465	FY10-Complete		
Total Number of IRP Installations with Sites																2							
Total Number of MMRP Installations with Sites																2							

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	11	4	1	19	1	0	\$6,220	\$6,260	\$0	\$1,937	\$489	\$1,702	\$117	\$1,660	FY12	\$1,167	\$1,494		
Response Complete	7	Response Complete	4	IRA	1(1)	2(2)	0	0			\$378	\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$958	\$1,475
High	2	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	1	2	18	\$2,108	\$7	\$0	\$0	\$10	\$0	\$0	\$0	FY14	\$954	\$1,475
Medium	0	MRSPP-2	3	MRSPP-8	0	RA-C	6	0	2	3	2	16	\$15,948	\$8,171	\$25	\$195	\$164	\$0	\$400	\$0	FY15	\$751	\$1,474
Low	0	MRSPP-3	2	Evaluation Pending	6	RA-O	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$22,316
Not Evaluated	1	MRSPP-4	7	No Known/Suspected	1	LTM	2	1	1	0	0	16	\$685	\$1	\$640	\$1	\$200	\$0	\$200	\$0	FY10-Comp. MMRP		\$105,252
Not Required	3	MRSPP-5	1	No Longer Required	3																FY10-Complete		\$127,568
Total IRP Sites	13	MRSPP-6	0	Total MRSs	23							Total	\$25,339	\$14,466	\$665	\$2,133	\$863	\$1,702	\$717	\$1,660	FY10-Complete		
Total Number of IRP Installations with Sites																11							
Total Number of MMRP Installations with Sites																11							

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Rhode Island

Active Installations

IRP Sites and MRSs by Classification				Study	63	2	13	1	7	0	\$33,395	\$461	\$2,961	\$0	\$2,593	\$0	\$273	\$1,145	FY12	\$8,977	\$57
Response Complete	58	Response Complete	1	IRA	12(15)	0	1(1)	0			\$19,980	\$0	\$733	\$0	\$0	\$0	\$0	\$0	FY13	\$8,591	\$0
High	8	MRSPP-1	0	MRSPP-7	0						\$1,759	\$0	\$0	\$0	\$627	\$0	\$954	\$0	FY14	\$1,483	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0						\$55,273	\$0	\$0	\$0	\$0	\$0	\$2,296	\$0	FY15	\$768	\$845
Low	2	MRSPP-3	0	Evaluation Pending	2						\$3,741	\$0	\$475	\$0	\$450	\$0	\$53	\$0	FY10-Comp. IRP		\$37,515
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0						\$1,505	\$0	\$231	\$0	\$279	\$0	\$304	\$0	FY10-Comp. MMRP		\$2,047
Not Required	5	MRSPP-5	0	No Longer Required	1																
Total IRP Sites	83	MRSPP-6	0	Total MRSs	3						\$115,653	\$461	\$4,400	\$0	\$3,949	\$0	\$3,880	\$1,145	FY10-Complete		\$39,562
Total Number of IRP Installations with Sites					12																
Total Number of MMRP Installations with Sites					2																

BRAC Installations

IRP Sites and MRSs by Classification				Study	27	0	3	0	0	0	\$33,379	\$0	\$296	\$0	\$998	\$0	\$0	\$0	FY12	\$579	\$0
Response Complete	22	Response Complete	0	IRA	0	0	0	0			\$1,566	\$0	\$0	\$0	\$69	\$0	\$0	\$0	FY13	\$452	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$1,199	\$0	\$0	\$0	\$174	\$0	\$0	\$0	FY14	\$462	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$4,966	\$0	\$0	\$0	\$384	\$0	\$189	\$0	FY15	\$306	\$0
Low	2	MRSPP-3	0	Evaluation Pending	0						\$716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$16,571
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0						\$9,518	\$0	\$1,099	\$0	\$1,316	\$0	\$622	\$0	FY10-Comp. MMRP		\$0
Not Required	5	MRSPP-5	0	No Longer Required	0																
Total IRP Sites	30	MRSPP-6	0	Total MRSs	0						\$51,344	\$0	\$1,395	\$0	\$2,941	\$0	\$811	\$0	FY10-Complete		\$16,571
Total Number of IRP Installations with Sites					4																
Total Number of MMRP Installations with Sites					0																

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	56	7	7	8	1	0	\$18,748	\$1,456	\$848	\$170	\$1,097	\$213	\$1,730	\$188	FY12	\$3,151	\$10
Response Complete	46	Response Complete	7	IRA	4(4)	1(1)	0	0			\$53	\$337	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,058	\$0
High	7	MRSPP-1	0	MRSPP-7	0						\$2,513	\$0	\$89	\$0	\$39	\$0	\$10	\$0	FY14	\$3,348	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0						\$18,905	\$0	\$924	\$0	\$899	\$0	\$920	\$0	FY15	\$2,085	\$0
Low	1	MRSPP-3	0	Evaluation Pending	7						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$50,223
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0						\$2,483	\$0	\$457	\$0	\$432	\$0	\$513	\$0	FY10-Comp. MMRP		\$28,911
Not Required	7	MRSPP-5	0	No Longer Required	7																
Total IRP Sites	64	MRSPP-6	1	Total MRSs	15						\$42,702	\$1,793	\$2,318	\$170	\$2,467	\$213	\$3,173	\$188	FY10-Complete		\$79,134
Total Number of IRP Installations with Sites					30																
Total Number of MMRP Installations with Sites					15																

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

South Carolina

Active Installations

IRP Sites and MRSs by Classification					Study	332	8	36	24	48	0	\$69,990	\$8,568	\$1,770	\$4,184	\$1,395	\$431	\$1,737	\$2,152	FY12	\$7,353	\$5,757	
Response Complete	280	Response Complete	6		IRA	57(70)	0	0	0			\$24,519	\$0	\$737	\$0	\$1,033	\$0	\$2,791	\$0	FY13	\$10,215	\$2,431	
High	3	MRSPP-1	0	MRSPP-7	1	Design	20	0	0	1	5	\$18,058	\$0	\$0	\$0	\$0	\$0	\$0	\$79	FY14	\$5,637	\$1,501	
Medium	17	MRSPP-2	0	MRSPP-8	0	RA-C	38	0	4	5	16	\$53,296	\$0	\$1,019	\$0	\$178	\$0	\$1,852	\$0	FY15	\$4,649	\$2,885	
Low	18	MRSPP-3	3	Evaluation Pending	16	RA-O	20	0	15	0	9	\$33,212	\$0	\$992	\$0	\$948	\$0	\$2,833	\$0	FY10-Comp. IRP		\$74,222	
Not Evaluated	50	MRSPP-4	2	No Known/Suspected	0	LTM	11	0	53	0	33	\$13,741	\$0	\$1,055	\$0	\$2,045	\$0	\$2,077	\$0	FY10-Comp. MMRP		\$26,674	
Not Required	48	MRSPP-5	4	No Longer Required	6																		
Total IRP Sites	416	MRSPP-6	0	Total MRSs	32							Total	\$212,816	\$8,568	\$5,573	\$4,184	\$5,599	\$431	\$11,290	\$2,231	FY10-Complete		\$100,896
Total Number of IRP Installations with Sites					26																		
Total Number of MMRP Installations with Sites					6																		

BRAC Installations

IRP Sites and MRSs by Classification					Study	314	3	3	0	0	0	\$28,266	\$0	\$0	\$0	\$61	\$0	\$0	\$0	FY12	\$1,464	\$0	
Response Complete	204	Response Complete	1		IRA	68(83)	0	0	0			\$19,390	\$0	\$0	\$0	\$3	\$0	\$0	\$0	FY13	\$966	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	37	0	0	1	0	\$2,134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$734	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	61	0	0	2	0	\$22,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,592	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	12	2	9	0	3	\$17,822	\$394	\$1,936	\$0	\$1,593	\$0	\$1,695	\$0	FY10-Comp. IRP		\$13,793	
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	6	0	6	\$1,630	\$0	\$0	\$0	\$30	\$0	\$117	\$0	FY10-Comp. MMRP		\$0	
Not Required	108	MRSPP-5	0	No Longer Required	1																		
Total IRP Sites	317	MRSPP-6	1	Total MRSs	3							Total	\$91,867	\$394	\$1,936	\$0	\$1,687	\$0	\$1,812	\$0	FY10-Complete		\$13,793
Total Number of IRP Installations with Sites					6																		
Total Number of MMRP Installations with Sites					2																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	21	10	2	13	5	5	\$12,721	\$6,887	\$12	\$338	\$499	\$256	\$128	\$1,459	FY12	\$4,247	\$635	
Response Complete	16	Response Complete	10		IRA	2(2)	2(2)	0	0			\$2,681	\$5,307	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,135	\$1,065	
High	1	MRSPP-1	0	MRSPP-7	0	Design	8	0	3	3	5	\$914	\$145	\$168	\$0	\$603	\$0	\$73	\$0	FY14	\$3,223	\$1,315	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	14	1	5	2	5	\$11,439	\$9,473	\$50	\$0	\$165	\$0	\$678	\$0	FY15	\$5,197	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	4	\$0	\$0	\$0	\$0	\$0	\$0	\$701	\$0	FY10-Comp. IRP		\$47,607	
Not Evaluated	3	MRSPP-4	7	No Known/Suspected	1	LTM	6	9	4	0	6	\$104	\$8	\$0	\$6	\$256	\$0	\$10	\$0	FY10-Comp. MMRP		\$169,415	
Not Required	6	MRSPP-5	1	No Longer Required	9																		
Total IRP Sites	28	MRSPP-6	4	Total MRSs	28							Total	\$27,859	\$21,820	\$230	\$344	\$1,523	\$256	\$1,590	\$1,459	FY10-Complete		\$217,022
Total Number of IRP Installations with Sites					15																		
Total Number of MMRP Installations with Sites					18																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

South Dakota

Active Installations

IRP Sites and MRSs by Classification					Study	50	2	0	0	15	0	\$20,554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$611	\$0	
Response Complete	47	Response Complete	2		IRA	9(9)	0	1(1)	0			\$9,243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$275	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	\$3,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$158	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	20	0	0	0	0	\$25,113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$45	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	2	0	0	\$28,836	\$0	\$735	\$0	\$455	\$0	\$514	\$0	FY10-Comp. IRP		\$4,043	
Not Evaluated	15	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	10	0	3	\$3,549	\$0	\$0	\$0	\$0	\$0	\$158	\$0	FY10-Comp. MMRP		\$0	
Not Required	2	MRSPP-5	0	No Longer Required	2																		
Total IRP Sites	65	MRSPP-6	0	Total MRSs	2							Total	\$90,773	\$0	\$735	\$0	\$2,282	\$0	\$672	\$0	FY10-Complete		\$4,043
Total Number of IRP Installations with Sites					5																		
Total Number of MMRP Installations with Sites					2																		

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	23	4	1	14	0	1	\$22,973	\$12,301	\$18	\$525	\$50	\$77	\$440	\$0	FY12	\$748	\$1,729	
Response Complete	23	Response Complete	4		IRA	1(1)	2(2)	0	0			\$654	\$373	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$630	\$1,750	
High	1	MRSPP-1	0	MRSPP-7	1	Design	16	0	0	1	13	\$376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,080	\$1,750	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	1	1	1	0	\$7,667	\$21,661	\$0	\$1,504	\$0	\$7,740	\$0	\$1,760	FY15	\$3,613	\$793	
Low	0	MRSPP-3	0	Evaluation Pending	14	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$24,381	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2	LTM	6	3	1	1	0	\$298	\$9	\$3	\$3	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$266,907	
Not Required	0	MRSPP-5	0	No Longer Required	2																		
Total IRP Sites	24	MRSPP-6	0	Total MRSs	19							Total	\$31,968	\$34,344	\$21	\$2,032	\$50	\$7,817	\$440	\$1,760	FY10-Complete		\$291,288
Total Number of IRP Installations with Sites					18																		
Total Number of MMRP Installations with Sites					18																		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Tennessee

Active Installations

IRP Sites and MRSs by Classification				Study	232	18	7	11	12	0	\$140,107	\$1,844	\$2,221	\$154	\$774	\$3,345	\$0	\$1,324	FY12	\$7,523	\$13,121
Response Complete	169	Response Complete	8	IRA	56(85)	0	3(3)	2(2)			\$72,335	\$3,523	\$145	\$2,525	\$994	\$0	\$0	\$595	FY13	\$8,295	\$10,250
High	5	MRSPP-1	0	MRSPP-7	0						\$16,682	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,407	\$4,778
Medium	7	MRSPP-2	0	MRSPP-8	9						\$116,667	\$0	\$2,211	\$0	\$2,428	\$0	\$18,604	\$0	FY15	\$4,612	\$619
Low	2	MRSPP-3	1	Evaluation Pending	4						\$57,483	\$0	\$4,458	\$0	\$5,735	\$0	\$7,370	\$0	FY10-Comp. IRP		\$137,199
Not Evaluated	13	MRSPP-4	3	No Known/Suspected	0						\$3,373	\$0	\$303	\$0	\$596	\$0	\$458	\$0	FY10-Comp. MMRP		\$34,781
Not Required	55	MRSPP-5	0	No Longer Required	8																
Total IRP Sites	251	MRSPP-6	4	Total MRSs	29						Total	\$406,647	\$5,367	\$9,338	\$2,679	\$10,527	\$3,345	\$26,432	\$1,919	FY10-Complete	\$171,980
Total Number of IRP Installations with Sites																22					
Total Number of MMRP Installations with Sites																7					

BRAC Installations

IRP Sites and MRSs by Classification				Study	153	0	0	2	0	0	\$9,261	\$243	\$0	\$0	\$47	\$0	\$19	\$0	FY12	\$1,529	\$0
Response Complete	145	Response Complete	0	IRA	21(25)	0	0	0			\$7,448	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$560	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$12,373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$523	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0						\$17,989	\$0	\$75	\$0	\$0	\$0	\$0	\$0	FY15	\$848	\$0
Low	2	MRSPP-3	0	Evaluation Pending	2						\$10,075	\$0	\$2,032	\$0	\$1,711	\$0	\$1,447	\$0	FY10-Comp. IRP		\$10,546
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$298	\$0	\$1	\$0	\$21	\$0	\$21	\$0	FY10-Comp. MMRP		\$0
Not Required	3	MRSPP-5	0	No Longer Required	0																
Total IRP Sites	153	MRSPP-6	0	Total MRSs	2						Total	\$57,444	\$243	\$2,108	\$0	\$1,779	\$0	\$1,487	\$0	FY10-Complete	\$10,546
Total Number of IRP Installations with Sites																2					
Total Number of MMRP Installations with Sites																1					

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	10	7	1	8	0	0	\$2,514	\$4,954	\$51	\$1,950	\$85	\$200	\$0	\$80	FY12	\$144	\$1,476
Response Complete	10	Response Complete	7	IRA	2(2)	1(1)	0	0			\$49	\$46	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$444	\$649
High	1	MRSPP-1	0	MRSPP-7	0						\$339	\$100	\$0	\$0	\$50	\$0	\$0	\$0	FY14	\$705	\$296
Medium	0	MRSPP-2	0	MRSPP-8	0						\$1,813	\$7,148	\$0	\$14	\$0	\$0	\$0	\$0	FY15	\$8	\$638
Low	0	MRSPP-3	0	Evaluation Pending	8						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,916
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$77	\$20	\$3	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$93,317
Not Required	0	MRSPP-5	0	No Longer Required	7																
Total IRP Sites	11	MRSPP-6	0	Total MRSs	15						Total	\$4,792	\$12,268	\$54	\$1,964	\$135	\$200	\$0	\$80	FY10-Complete	\$95,233
Total Number of IRP Installations with Sites																7					
Total Number of MMRP Installations with Sites																13					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Texas

Active Installations

IRP Sites and MRSs by Classification					Study	951	46	14	40	34	3	\$200,251	\$18,379	\$1,615	\$8,117	\$144	\$5,836	\$27	\$2,429	FY12	\$13,893	\$15,253
Response Complete	887	Response Complete	46		IRA	61(79)	2(4)	5(5)	2(2)			\$71,520	\$511	\$0	\$124	\$0	\$0	\$0	\$0	FY13	\$19,543	\$33,413
High	7	MRSPP-1	0	MRSPP-7	0	Design	93	0	10	0	2	\$25,761	\$0	\$47	\$0	\$0	\$0	\$37	\$129	FY14	\$12,318	\$19,471
Medium	4	MRSPP-2	1	MRSPP-8	2	RA-C	159	0	11	1	4	\$158,387	\$0	\$38	\$0	\$455	\$0	\$2,253	\$1,014	FY15	\$28,088	\$8,976
Low	4	MRSPP-3	3	Evaluation Pending	30	RA-O	14	0	50	0	4	\$63,000	\$0	\$7,982	\$0	\$7,621	\$0	\$6,001	\$0	FY10-Comp. IRP		\$191,617
Not Evaluated	39	MRSPP-4	6	No Known/Suspected	0	LTM	46	0	19	0	45	\$28,437	\$0	\$442	\$0	\$1,119	\$0	\$2,019	\$0	FY10-Comp. MMRP		\$165,189
Not Required	58	MRSPP-5	1	No Longer Required	46																	
Total IRP Sites	999	MRSPP-6	0	Total MRSs	89	Total						\$547,356	\$18,890	\$10,124	\$8,241	\$9,339	\$5,836	\$10,337	\$3,572	FY10-Complete		\$356,806
Total Number of IRP Installations with Sites					83																	
Total Number of MMRP Installations with Sites					12																	

BRAC Installations

IRP Sites and MRSs by Classification					Study	203	16	1	3	0	0	\$75,185	\$478	\$60	\$421	\$0	\$0	\$0	\$0	FY12	\$1,362	\$0
Response Complete	178	Response Complete	16		IRA	67(78)	0	0	0			\$96,566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,304	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	28	0	0	1	3	\$22,347	\$0	\$0	\$0	\$10	\$285	\$0	\$0	FY14	\$1,404	\$2
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	43	4	2	0	1	\$147,161	\$0	\$0	\$0	\$95	\$2,618	\$0	\$526	FY15	\$1,491	\$159
Low	1	MRSPP-3	2	Evaluation Pending	0	RA-O	9	0	25	0	0	\$132,724	\$0	\$10,151	\$0	\$7,483	\$0	\$24,340	\$0	FY10-Comp. IRP		\$82,125
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	61	1	19	\$13,390	\$0	\$293	\$0	\$1,942	\$0	\$790	\$0	FY10-Comp. MMRP		\$4,419
Not Required	23	MRSPP-5	1	No Longer Required	16																	
Total IRP Sites	204	MRSPP-6	0	Total MRSs	19	Total						\$487,373	\$478	\$10,504	\$421	\$9,530	\$2,903	\$25,130	\$526	FY10-Complete		\$86,544
Total Number of IRP Installations with Sites					9																	
Total Number of MMRP Installations with Sites					7																	

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	149	24	20	129	1	1	\$41,887	\$34,950	\$1,528	\$6,605	\$2,975	\$5,735	\$2,322	\$8,194	FY12	\$2,265	\$5,228
Response Complete	135	Response Complete	22		IRA	5(5)	8(8)	0	0			\$3,473	\$827	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,745	\$5,013
High	9	MRSPP-1	0	MRSPP-7	8	Design	104	0	4	3	17	\$5,068	\$175	\$39	\$0	\$25	\$0	\$94	\$84	FY14	\$3,229	\$5,353
Medium	10	MRSPP-2	2	MRSPP-8	0	RA-C	104	0	11	6	19	\$37,580	\$33,264	\$216	\$929	\$352	\$20	\$84	\$20	FY15	\$3,035	\$5,538
Low	6	MRSPP-3	0	Evaluation Pending	111	RA-O	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$42,078
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	23	2	3	2	32	\$443	\$3	\$9	\$0	\$15	\$16	\$0	\$0	FY10-Comp. MMRP		\$778,973
Not Required	10	MRSPP-5	8	No Longer Required	22																	
Total IRP Sites	170	MRSPP-6	2	Total MRSs	154	Total						\$88,451	\$69,219	\$1,792	\$7,534	\$3,367	\$5,771	\$2,500	\$8,298	FY10-Complete		\$821,051
Total Number of IRP Installations with Sites					93																	
Total Number of MMRP Installations with Sites					150																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Utah

Active Installations

IRP Sites and MRSs by Classification				Study	569	6	11	27	14	5	\$221,666	\$11,930	\$2,823	\$5,888	\$1,876	\$882	\$0	\$6,755	FY12	\$29,404	\$8,699			
Response Complete	542	Response Complete	6	IRA	140(216)	0	10(15)	4(4)			\$100,173	\$6,813	\$4,474	\$6,813	\$3,943	\$0	\$3,934	\$0	FY13	\$27,911	\$4,921			
High	0	MRSPP-1	0	MRSPP-7	0	Design	98	0	2	0	11	10	\$38,406	\$0	\$0	\$0	\$2,338	\$0	\$291	\$102	FY14	\$18,755	\$41,751	
Medium	7	MRSPP-2	0	MRSPP-8	1	RA-C	125	0	6	0	12	27	\$151,485	\$0	\$14,340	\$0	\$141	\$0	\$19,436	\$0	FY15	\$32,844	\$705	
Low	11	MRSPP-3	5	Evaluation Pending	15	RA-O	26	0	14	0	10	0	\$69,501	\$0	\$12,270	\$0	\$16,765	\$0	\$21,272	\$0	FY10-Comp. IRP		\$377,162	
Not Evaluated	17	MRSPP-4	1	No Known/Suspected	0	LTM	33	0	62	0	32	15	\$22,343	\$0	\$406	\$0	\$592	\$0	\$1,751	\$0	FY10-Comp. MMRP		\$66,608	
Not Required	17	MRSPP-5	8	No Longer Required	6																			
Total IRP Sites	594	MRSPP-6	2	Total MRSs	38								Total	\$603,574	\$18,743	\$34,313	\$12,701	\$25,655	\$882	\$46,684	\$6,857	FY10-Complete		\$443,770
Total Number of IRP Installations with Sites								15																
Total Number of MMRP Installations with Sites								6																

BRAC Installations

IRP Sites and MRSs by Classification				Study	49	1	3	4	0	0	\$48,024	\$36	\$100	\$36	\$0	\$5,023	\$0	\$0	FY12	\$1,529	\$43,650			
Response Complete	45	Response Complete	0	IRA	6(6)	0	0	0			\$572	\$0	\$0	\$0	\$0	\$18,572	\$0	\$0	FY13	\$3,697	\$30,601			
High	3	MRSPP-1	0	MRSPP-7	0	Design	19	1	1	0	1	4	\$6,553	\$0	\$1,406	\$0	\$0	\$0	\$0	FY14	\$980	\$20,525		
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	19	0	3	0	1	5	\$34,708	\$0	\$73	\$0	\$0	\$5,246	\$0	FY15	\$4,132	\$58,681		
Low	1	MRSPP-3	4	Evaluation Pending	0	RA-O	2	0	2	0	1	0	\$13,189	\$0	\$790	\$0	\$2,662	\$0	\$1,133	\$0	FY10-Comp. IRP		\$17,596	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	2	0	13	0	4	4	\$839	\$0	\$88	\$0	\$0	\$0	\$55	\$0	FY10-Comp. MMRP		\$191,960	
Not Required	2	MRSPP-5	0	No Longer Required	0																			
Total IRP Sites	52	MRSPP-6	0	Total MRSs	5								Total	\$103,885	\$36	\$2,457	\$36	\$2,662	\$28,841	\$1,188	\$0	FY10-Complete		\$209,556
Total Number of IRP Installations with Sites								4																
Total Number of MMRP Installations with Sites								1																

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	7	10	4	4	5	0	\$8,655	\$7,327	\$778	\$1,064	\$0	\$55	\$9	\$132	FY12	\$895	\$15			
Response Complete	4	Response Complete	7	IRA	0	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$606	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	3	0	3	3	\$475	\$0	\$7	\$0	\$179	\$0	\$0	FY14	\$35	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	1	2	2	5	2	\$335	\$1,910	\$0	\$46	\$742	\$125	\$2,344	\$0	FY15	\$1,778	\$606	
Low	1	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	1	0	0	0	\$0	\$0	\$0	\$0	\$69	\$0	\$69	\$0	FY10-Comp. IRP		\$10,488	
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	0	3	1	0	1	3	\$0	\$97	\$0	\$0	\$147	\$0	\$52	\$0	FY10-Comp. MMRP		\$36,218	
Not Required	5	MRSPP-5	0	No Longer Required	7																			
Total IRP Sites	16	MRSPP-6	0	Total MRSs	14								Total	\$9,465	\$9,334	\$785	\$1,110	\$1,137	\$180	\$2,474	\$132	FY10-Complete		\$46,706
Total Number of IRP Installations with Sites								8																
Total Number of MMRP Installations with Sites								14																

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		

Vermont

Active Installations

IRP Sites and MRSs by Classification				Study	31	3	5	0	2	0	\$6,387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	31	Response Complete	3	IRA	2(2)	0	5(10)	0			\$8,567	\$0	\$172	\$0	\$875	\$0	\$0	\$0	FY13	\$335	\$0	
High	1	MRSPP-1	0	MRSPP-7	0			5	0		\$350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$645	\$0	
Medium	4	MRSPP-2	0	MRSPP-8	0			5	0		\$323	\$0	\$0	\$0	\$0	\$0	\$6,607	\$0	FY15	\$600	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0			5	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,417	
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0			5	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	3																	
Total IRP Sites	38	MRSPP-6	0	Total MRSs	3						Total	\$15,627	\$0	\$172	\$0	\$875	\$0	\$6,607	\$0	FY10-Complete		\$10,417
Total Number of IRP Installations with Sites																						
Total Number of MMRP Installations with Sites																						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	5	1	2	1	0	0	\$1,859	\$75	\$620	\$0	\$392	\$0	\$19	\$178	FY12	\$250	\$10	
Response Complete	5	Response Complete	1	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$52	\$0	
High	2	MRSPP-1	0	MRSPP-7	0			0	1		\$420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$52	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0			2	0	1	\$694	\$0	\$0	\$0	\$50	\$0	\$61	\$0	FY15	\$52	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1			0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,267	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0			0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$1,532	
Not Required	0	MRSPP-5	0	No Longer Required	1																	
Total IRP Sites	7	MRSPP-6	0	Total MRSs	2						Total	\$2,973	\$75	\$620	\$0	\$442	\$0	\$80	\$178	FY10-Complete		\$2,799
Total Number of IRP Installations with Sites																						
Total Number of MMRP Installations with Sites																						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Virgin Islands of the U.S.

Active Installations

IRP Sites and MRSs by Classification				Study	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$0
Total IRP Sites	5	MRSPP-6	0	Total MRSs	0						\$0										
Total Number of IRP Installations with Sites				1																	
Total Number of MMRP Installations with Sites				0																	

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	2	1	0	2	0	0	\$2,472	\$2,879	\$0	\$155	\$0	\$10	\$0	\$330	FY12	\$0	\$38
Response Complete	1	Response Complete	1	IRA	0	1(1)	0	0			\$187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	2	0	\$676	\$334	\$0	\$22	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57	FY10-Comp. MMRP		\$12,444
Not Required	1	MRSPP-5	0	No Longer Required	1						\$3,335	\$3,213	\$0	\$177	\$0	\$10	\$0	\$387	FY10-Complete		\$12,444
Total IRP Sites	2	MRSPP-6	0	Total MRSs	3																
Total Number of IRP Installations with Sites				2																	
Total Number of MMRP Installations with Sites				3																	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Virginia

Active Installations

IRP Sites and MRSs by Classification						Study	851	71	62	40	18	6	\$240,519	\$17,398	\$4,335	\$10,433	\$9,742	\$941	\$220	\$7,278	FY12	\$16,193	\$14,657
Response Complete	739	Response Complete	58			IRA	152(161)	0	7(8)	2(2)			\$99,889	\$7,221	\$1,574	\$0	\$3,523	\$0	\$152	\$0	FY13	\$18,441	\$14,425
High	37	MRSPP-1	0	MRSPP-7	4	Design	153	0	12	2	19	23	\$44,335	\$0	\$1,493	\$0	\$589	\$0	\$484	\$0	FY14	\$9,763	\$16,319
Medium	10	MRSPP-2	0	MRSPP-8	0	RA-C	181	1	11	4	28	30	\$306,147	\$2,403	\$15,685	\$2,107	\$7,019	\$469	\$15,551	\$249	FY15	\$12,621	\$18,168
Low	11	MRSPP-3	1	Evaluation Pending	36	RA-O	42	0	48	1	15	0	\$62,606	\$37	\$6,261	\$37	\$9,303	\$0	\$7,222	\$0	FY10-Comp. IRP		\$270,875
Not Evaluated	41	MRSPP-4	6	No Known/Suspected	2	LTM	42	0	55	4	48	24	\$45,081	\$0	\$3,811	\$0	\$4,202	\$3,032	\$4,642	\$397	FY10-Comp. MMRP		\$106,862
Not Required	93	MRSPP-5	6	No Longer Required	56																FY10-Complete		\$377,737
Total IRP Sites	931	MRSPP-6	6	Total MRSs	117							Total	\$798,577	\$27,059	\$33,159	\$12,577	\$34,378	\$4,442	\$28,271	\$7,924			
Total Number of IRP Installations with Sites												54											
Total Number of MMRP Installations with Sites												17											

BRAC Installations

IRP Sites and MRSs by Classification						Study	120	1	8	16	0	0	\$24,381	\$1,017	\$3,042	\$869	\$230	\$0	\$0	\$0	FY12	\$853	\$4,903
Response Complete	115	Response Complete	1			IRA	6(6)	0	0	0			\$297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$8,276	\$4,608
High	1	MRSPP-1	0	MRSPP-7	0	Design	37	0	0	0	6	11	\$1,939	\$0	\$0	\$0	\$30	\$450	\$10	\$0	FY14	\$881	\$51,854
Medium	1	MRSPP-2	0	MRSPP-8	1	RA-C	52	0	0	0	6	11	\$21,111	\$0	\$18	\$0	\$342	\$2,643	\$92	\$0	FY15	\$316	\$1,284
Low	9	MRSPP-3	1	Evaluation Pending	1	RA-O	6	0	2	0	0	0	\$847	\$0	\$217	\$0	\$452	\$0	\$35	\$0	FY10-Comp. IRP		\$16,595
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	8	0	9	0	9	11	\$5,341	\$0	\$96	\$0	\$333	\$0	\$170	\$0	FY10-Comp. MMRP		\$65,742
Not Required	2	MRSPP-5	10	No Longer Required	1																FY10-Complete		\$82,337
Total IRP Sites	128	MRSPP-6	2	Total MRSs	17							Total	\$53,916	\$1,017	\$3,373	\$869	\$1,387	\$3,093	\$307	\$0			
Total Number of IRP Installations with Sites												10											
Total Number of MMRP Installations with Sites												2											

Formerly Used Defense Sites

IRP Sites and MRSs by Classification						Study	38	6	11	6	0	1	\$31,189	\$6,201	\$3,673	\$1,333	\$1,948	\$2,716	\$1,652	\$742	FY12	\$4,521	\$1,658
Response Complete	37	Response Complete	5			IRA	5(5)	3(3)	0	0			\$2,953	\$3,573	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,136	\$1,524
High	7	MRSPP-1	0	MRSPP-7	0	Design	26	0	2	0	10	5	\$975	\$0	\$0	\$0	\$811	\$0	\$33	\$100	FY14	\$7,538	\$1,651
Medium	1	MRSPP-2	1	MRSPP-8	0	RA-C	28	2	1	2	11	5	\$9,382	\$17,645	\$0	\$598	\$778	\$60	\$60	\$0	FY15	\$10,356	\$1,859
Low	0	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$408	\$0	FY10-Comp. IRP		\$61,195
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	15	3	1	0	12	6	\$69	\$6	\$18	\$0	\$101	\$0	\$0	\$0	FY10-Comp. MMRP		\$61,954
Not Required	0	MRSPP-5	0	No Longer Required	5																FY10-Complete		\$123,149
Total IRP Sites	49	MRSPP-6	0	Total MRSs	13							Total	\$44,568	\$27,425	\$3,691	\$1,931	\$3,638	\$2,776	\$2,153	\$842			
Total Number of IRP Installations with Sites												33											
Total Number of MMRP Installations with Sites												11											

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						
Wake Island																				
Active Installations																				
IRP Sites and MRSs by Classification																				
Response Complete	41	Response Complete	0						\$16,831	\$0	\$990	\$0	\$1,244	\$761	\$0	\$437	FY12	\$4,235	\$736	
									\$21,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,566	\$769	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	2	0	\$10	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	9	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	1	\$50	\$0	\$0	\$0	FY15	\$0	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$13,413	
Not Evaluated	29	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	2	1	\$508	\$0	\$175	\$0	\$406	\$0	FY10-Comp. MMRP	\$2,773
Not Required	1	MRSPP-5	0	No Longer Required	0															
Total IRP Sites	81	MRSPP-6	0	Total MRSs	1				Total	\$38,898	\$0	\$1,165	\$0	\$1,650	\$761	\$3,962	\$437	FY10-Complete	\$16,186	
Total Number of IRP Installations with Sites																				
1																				
Total Number of MMRP Installations with Sites																				
1																				

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Washington

Active Installations

IRP Sites and MRSs by Classification				Study	543	33	6	13	33	5	\$168,462	\$28,830	\$1,256	\$8,963	\$758	\$4,265	\$376	\$1,583	FY12	\$8,855	\$10,722		
Response Complete	460	Response Complete	26	IRA	122(151)	3(3)	0	3(3)			\$36,088	\$2,354	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$14,429	\$7,589		
High	6	MRSPP-1	0	MRSPP-7	1	Design	85	0	2	4	3	4	\$23,498	\$0	\$0	\$0	\$265	\$0	\$0	FY14	\$13,410	\$5,831	
Medium	2	MRSPP-2	1	MRSPP-8	1	RA-C	179	0	7	5	8	15	\$278,531	\$1,558	\$6,726	\$1,154	\$5,022	\$6,956	\$210	\$12,391	FY15	\$7,838	\$2,876
Low	4	MRSPP-3	2	Evaluation Pending	10	RA-O	18	0	40	1	8	4	\$86,813	\$0	\$8,216	\$0	\$8,022	\$0	\$9,427	\$0	FY10-Comp. IRP		\$164,738
Not Evaluated	36	MRSPP-4	5	No Known/Suspected	0	LTM	47	1	20	1	8	8	\$12,961	\$0	\$311	\$0	\$239	\$0	\$155	\$0	FY10-Comp. MMRP		\$73,480
Not Required	74	MRSPP-5	3	No Longer Required	26																FY10-Complete		\$238,218
Total IRP Sites	582	MRSPP-6	2	Total MRSs	51							Total	\$606,353	\$32,742	\$16,509	\$10,117	\$14,041	\$11,486	\$10,168	\$13,974			
Total Number of IRP Installations with Sites																50							
Total Number of MMRP Installations with Sites																11							

BRAC Installations

IRP Sites and MRSs by Classification				Study	34	11	0	4	0	0	\$3,242	\$53	\$0	\$0	\$0	\$591	\$0	\$0	FY12	\$0	\$1,018		
Response Complete	33	Response Complete	10	IRA	0	1(1)	0	0			\$0	\$6,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	\$1,640	\$805	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	6	1	1	0	0	\$6,490	\$29,198	\$3,459	\$2,151	\$0	\$5,000	\$0	\$2,000	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$360
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,609
Not Required	0	MRSPP-5	0	No Longer Required	10																FY10-Complete		\$8,969
Total IRP Sites	34	MRSPP-6	0	Total MRSs	15							Total	\$11,382	\$36,159	\$3,459	\$2,151	\$0	\$5,591	\$0	\$2,000			
Total Number of IRP Installations with Sites																4							
Total Number of MMRP Installations with Sites																3							

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	73	8	3	6	2	4	\$27,670	\$4,429	\$484	\$129	\$415	\$135	\$397	\$550	FY12	\$514	\$40		
Response Complete	71	Response Complete	8	IRA	3(3)	3(3)	0	0			\$2,243	\$6,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$420	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	Design	56	0	1	0	2	9	\$2,633	\$0	\$85	\$0	\$10	\$0	\$0	\$0	FY14	\$1,979	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	59	0	4	0	3	9	\$22,075	\$20	\$529	\$20	\$189	\$0	\$145	\$0	FY15	\$1,668	\$0
Low	0	MRSPP-3	0	Evaluation Pending	10	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$21,102
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	12	4	1	0	0	9	\$732	\$29	\$234	\$0	\$120	\$0	\$165	\$0	FY10-Comp. MMRP		\$61,125
Not Required	4	MRSPP-5	0	No Longer Required	7																FY10-Complete		\$82,227
Total IRP Sites	78	MRSPP-6	0	Total MRSs	18							Total	\$55,353	\$11,224	\$1,332	\$149	\$734	\$135	\$707	\$550			
Total Number of IRP Installations with Sites																55							
Total Number of MMRP Installations with Sites																17							

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

West Virginia

Active Installations

IRP Sites and MRSs by Classification					Study	136	1	0	0	1	0	\$10,352	\$274	\$648	\$0	\$0	\$0	\$0	\$0	FY12	\$3,445	\$0	
Response Complete	121	Response Complete	1		IRA	10(10)	0	0	0			\$10,350	\$0	\$145	\$0	\$0	\$0	\$0	\$0	FY13	\$2,166	\$0	
High	5	MRSPP-1	0	MRSPP-7	0	Design	4	0	4	0	1	\$3,876	\$0	\$752	\$0	\$75	\$0	\$0	\$0	FY14	\$5,515	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	0	0	5	\$8,088	\$0	\$0	\$0	\$0	\$0	\$4,104	\$0	FY15	\$4,904	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	1	\$6,593	\$0	\$825	\$0	\$1,915	\$0	\$987	\$0	FY10-Comp. IRP		\$38,299	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	\$971	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	10	MRSPP-5	0	No Longer Required	1																		
Total IRP Sites	137	MRSPP-6	0	Total MRSs	1							Total	\$40,230	\$274	\$2,370	\$0	\$1,990	\$0	\$5,091	\$0	FY10-Complete		\$38,299
Total Number of IRP Installations with Sites										27													
Total Number of MMRP Installations with Sites										1													

Formerly Used Defense Sites

IRP Sites and MRSs by Classification					Study	54	3	2	0	0	0	\$32,279	\$171	\$201	\$0	\$47	\$0	\$0	\$0	FY12	\$739	\$8	
Response Complete	50	Response Complete	3		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,521	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	\$3,417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,939	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	35	1	3	0	0	\$27,446	\$2,806	\$35	\$0	\$46	\$0	\$140	\$0	FY15	\$1,279	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	1	0	0	\$5,959	\$0	\$510	\$0	\$635	\$0	\$655	\$0	FY10-Comp. IRP		\$36,237	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	36	2	6	1	0	\$12,641	\$913	\$816	\$196	\$1,325	\$63	\$589	\$0	FY10-Comp. MMRP		\$2,622	
Not Required	4	MRSPP-5	0	No Longer Required	3																		
Total IRP Sites	56	MRSPP-6	0	Total MRSs	3							Total	\$81,742	\$3,890	\$1,562	\$196	\$2,053	\$63	\$1,384	\$0	FY10-Complete		\$38,859
Total Number of IRP Installations with Sites										9													
Total Number of MMRP Installations with Sites										3													

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP					Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP			

Wisconsin

Active Installations

IRP Sites and MRSs by Classification				Study	272	0	4	1	1	12	\$31,359	\$3,137	\$4,922	\$3,137	\$5,243	\$0	\$0	\$257	FY12	\$4,019	\$197	
Response Complete	269	Response Complete	0	IRA	8(9)	0	1(2)	0			\$29,846	\$0	\$14,079	\$0	\$0	\$0	\$0	\$0	FY13	\$3,942	\$36	
High	2	MRSPP-1	0	MRSPP-7	0						\$11,944	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,944	\$694	
Medium	2	MRSPP-2	0	MRSPP-8	0						\$58,025	\$0	\$577	\$0	\$2,936	\$0	\$4,243	\$0	FY15	\$4,033	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	13						\$30,031	\$0	\$1,635	\$0	\$1,735	\$0	\$1,708	\$0	FY10-Comp. IRP		\$88,744	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0						\$23,150	\$0	\$1,975	\$0	\$2,034	\$0	\$2,208	\$0	FY10-Comp. MMRP		\$1,198	
Not Required	3	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	277	MRSPP-6	0	Total MRSs	13						Total	\$184,355	\$3,137	\$23,188	\$3,137	\$11,948	\$0	\$8,159	\$257	FY10-Complete		\$89,942
Total Number of IRP Installations with Sites																35						
Total Number of MMRP Installations with Sites																1						

BRAC Installations

IRP Sites and MRSs by Classification				Study	1	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	1	MRSPP-6	0	Total MRSs	0						Total	\$0	FY10-Complete		\$0							
Total Number of IRP Installations with Sites																1						
Total Number of MMRP Installations with Sites																0						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	33	0	5	2	0	0	\$4,185	\$359	\$117	\$40	\$783	\$10	\$2,080	\$0	FY12	\$1,152	\$0	
Response Complete	32	Response Complete	0	IRA	2(2)	0	0	0			\$221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,836	\$0
High	2	MRSPP-1	0	MRSPP-7	0						\$3,242	\$0	\$43	\$0	\$0	\$0	\$155	\$0	\$0	FY14	\$3,184	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0						\$3,342	\$0	\$131	\$0	\$25	\$0	\$536	\$0	\$0	FY15	\$3,245	\$0
Low	3	MRSPP-3	0	Evaluation Pending	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$35,269
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0						\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,799
Not Required	1	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	38	MRSPP-6	0	Total MRSs	2						Total	\$10,991	\$359	\$291	\$40	\$808	\$10	\$2,771	\$0	FY10-Complete		\$49,068
Total Number of IRP Installations with Sites																23						
Total Number of MMRP Installations with Sites																2						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-5 Status of State IRP/MMRP Summary as of September 30, 2009

Phase	Completed		Underway		Future		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Wyoming

Active Installations

IRP Sites and MRSs by Classification				Study	34	0	3	0	11	0	\$79,568	\$0	\$734	\$0	\$0	\$0	\$0	\$0	FY12	\$8,032	\$0	
Response Complete	27	Response Complete	0	IRA	7(16)	0	1(1)	0			\$32,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,314	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	3	0	\$4,028	\$0	\$0	\$0	\$515	\$0	\$0	\$0	\$0	FY14	\$1,673	\$0	
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	1	0	\$18,771	\$0	\$4,705	\$0	\$1,041	\$0	\$5,120	\$0	FY15	\$885	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	6	0	\$4,679	\$0	\$688	\$0	\$827	\$0	\$888	\$0	FY10-Comp. IRP		\$36,158	
Not Evaluated	11	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	4	0	\$3,260	\$0	\$1,575	\$0	\$194	\$0	\$250	\$0	FY10-Comp. MMRP		\$0	
Not Required	6	MRSPP-5	0	No Longer Required	0																	
Total IRP Sites	48	MRSPP-6	0	Total MRSs	0						Total	\$143,039	\$0	\$7,702	\$0	\$2,577	\$0	\$6,258	\$0	FY10-Complete		\$36,158
Total Number of IRP Installations with Sites																5						
Total Number of MMRP Installations with Sites																0						

Formerly Used Defense Sites

IRP Sites and MRSs by Classification				Study	18	4	3	7	0	1	\$12,537	\$7,590	\$1,133	\$2,947	\$1,259	\$770	\$759	\$380	FY12	\$14,125	\$350	
Response Complete	13	Response Complete	4	IRA	8(8)	1(1)	0	0			\$1,076	\$0	\$659	\$0	\$0	\$0	\$0	\$0	FY13	\$15,121	\$350	
High	6	MRSPP-1	0	MRSPP-7	0	Design	8	0	4	1	\$199	\$26	\$18	\$0	\$1,068	\$0	\$1,259	\$0	FY14	\$11,016	\$350	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	0	1	\$1,187	\$17	\$0	\$0	\$1,182	\$0	\$6,700	\$0	FY15	\$10,050	\$350	
Low	1	MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	1	0	\$0	\$0	\$0	\$0	\$3,317	\$0	\$3,271	\$0	FY10-Comp. IRP		\$173,148	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	3	LTM	9	4	0	0	\$6	\$8	\$0	\$1	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$102,263	
Not Required	0	MRSPP-5	2	No Longer Required	1																	
Total IRP Sites	21	MRSPP-6	2	Total MRSs	12						Total	\$15,005	\$7,641	\$1,810	\$2,948	\$6,826	\$770	\$11,989	\$380	FY10-Complete		\$275,411
Total Number of IRP Installations with Sites																12						
Total Number of MMRP Installations with Sites																12						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alabama

ARMY - ANNISTON ARMY DEPOT / AL421382002700 / NPL / RAB

IRP Sites and MRSs by Classification				Study	47	0	2	3	0	0			\$38,088	\$498	\$882	\$0	\$1,145	\$0	\$0	\$0	FY12	\$1,089	\$114
Response Complete	38	Response Complete	0	IRA	5(8)	0(0)	2(2)	0(0)					\$15,068	\$0	\$153	\$0	\$144	\$0	\$0	\$0	FY13	\$1,106	\$0
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	0	3			\$2,235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,125	\$89
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	1	0	1	3	\$7,827	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,145	\$2,111
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	8	0	2	0	\$2,400	\$0	\$572	\$0	\$311	\$0	\$1,153	\$0	FY10-Comp. IRP		\$30,418
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	1	0	13	0	0	1	\$1,775	\$0	\$25	\$0	\$26	\$0	\$15	\$0	FY10-Comp. MMRP		\$2,776
Not Required	8	MRSPP-5	2	No Longer Required	0	IRP Final RC: FY 2041 MRS Final RC: FY 2018					Total	\$67,393	\$498	\$1,632	\$0	\$1,626	\$0	\$1,168	\$0	FY10-Complete		\$33,194	
Total IRP Sites	49	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Underway																	

IRP Progress in FY09: Refer to Page D-23.	MMRP Progress in FY09: Refer to Page D-23.
IRP Progress Planned for FY10-FY11: Refer to Page D-23.	MMRP Progress Planned for FY10-FY11: Refer to Page D-23.

ARMY - FORT MCCLELLAN / AL421372056200 / BRAC 1995 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	122	6	8	1	0	0			\$156,033	\$11,966	\$636	\$0	\$110	\$0	\$1,147	\$0	FY12	\$3,000	\$0
Response Complete	122	Response Complete	6	IRA	0(0)	0(0)	0(0)	0(0)					\$5,719	\$6,499	\$0	\$0	\$440	\$0	\$0	\$0	FY13	\$6,956	\$0
High	3	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0		\$1,990	\$363	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$10,961	\$0
Medium	5	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	0		\$17,442	\$26,218	\$0	\$0	\$0	\$3,000	\$0	\$0	FY15	\$4,083	\$4,319
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$160,994
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$186	\$104	\$0	\$0	\$20,000	\$0	\$3,000	\$86	FY10-Comp. MMRP		\$75,730
Not Required	0	MRSPP-5	0	No Longer Required	6	IRP Final RC: FY 2027 MRS Final RC: FY 2029					Total	\$181,370	\$45,150	\$636	\$0	\$20,550	\$3,000	\$4,147	\$86	FY10-Complete		\$236,724	
Total IRP Sites	130	MRSPP-6	0	Total MRSs	7	Five-Year Review Underway																	

IRP Progress in FY09: Refer to Page D-71.	MMRP Progress in FY09: Refer to Page D-71.
IRP Progress Planned for FY10-FY11: Refer to Page D-71.	MMRP Progress Planned for FY10-FY11: Refer to Page D-71.

ARMY - REDSTONE ARSENAL / AL421382074200 / NPL / C-EST

IRP Sites and MRSs by Classification				Study	127	21	144	8	0	0			\$113,243	\$567	\$1,991	\$75	\$1,452	\$612	\$2,427	\$0	FY12	\$35,552	\$546
Response Complete	123	Response Complete	21	IRA	2(2)	1(1)	14(14)	0(0)					\$13,350	\$1,254	\$0	\$63	\$0	\$0	\$56	\$0	FY13	\$10,546	\$2,679
High	4	MRSPP-1	0	MRSPP-7	1	Design	1	0	39	2	7	3	\$5,832	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$9,435	\$98
Medium	52	MRSPP-2	0	MRSPP-8	0	RA-C	18	0	61	2	27	4	\$93,581	\$0	\$54,334	\$0	\$6,763	\$45	\$3,607	\$0	FY15	\$4,131	\$680
Low	65	MRSPP-3	3	Evaluation Pending	0	RA-O	1	0	5	0	28	0	\$2,814	\$0	\$368	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$118,084
Not Evaluated	26	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	2	0	46	6	\$456	\$0	\$0	\$0	\$191	\$0	\$55	\$0	FY10-Comp. MMRP		\$6,895
Not Required	1	MRSPP-5	2	No Longer Required	21	IRP Final RC: FY 2044 MRS Final RC: FY 2016					Total	\$229,276	\$1,821	\$56,693	\$138	\$8,406	\$657	\$6,145	\$0	FY10-Complete		\$124,979	
Total IRP Sites	271	MRSPP-6	1	Total MRSs	29	Five-Year Review Planned for Future																	

IRP Progress in FY09: Refer to Page D-162.	MMRP Progress in FY09: Refer to Page D-162.
IRP Progress Planned for FY10-FY11: Refer to Page D-162.	MMRP Progress Planned for FY10-FY11: Refer to Page D-162.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Estimated Costs (\$000)			
Phase	Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP

Alabama

AIR FORCE - MAXWELL AIR FORCE BASE / AL457152418200 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification					Study	32	0	0	3	0	0			\$2,792	\$221	\$0	\$0	\$0	\$702	\$0	\$264	FY12	\$3,381	\$447
Response Complete	16	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,970	\$462	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	3	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$927	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	14	0	0	0	3	REG		\$1,131	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,134	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	3	RA-O	3	0	15	0	0			\$26,060	\$0	\$4,894	\$0	\$4,963	\$0	\$1,534	\$0	FY10-Comp. IRP	\$15,345	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	14	3		\$1,055	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$1,923	
Not Required	15	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY 2014						Total	\$31,038	\$221	\$4,894	\$0	\$4,963	\$702	\$1,534	\$264	FY10-Complete	\$17,268		
Total IRP Sites	32	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09:	Closed SS-001, ST-003, and ST-011. Completed all dirtmoving on landfill cover project.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	Complete landfill cover project for 3 sites and establish vegetation. Continue RA-O at 15 sites.	MMRP Progress Planned for FY10-FY11:	No actions planned.

FORMERLY USED DEFENSE SITES - CP SIBERT / AL49799F421600

IRP Sites and MRSs by Classification					Study	0	0	1	1	0	0			\$5,170	\$9,462	\$46	\$428	\$0	\$1,848	\$673	\$1,414	FY12	\$193	\$1,791
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,395	\$1,498	
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	1	1	0	0			\$10	\$9	\$0	\$9	\$0	\$0	\$0	FY14	\$1,497	\$1,643	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	1	0		\$0	\$25,076	\$0	\$5,688	\$0	\$4,153	\$0	\$1,439	FY15	\$86	\$1,817
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$4,418	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$26,381	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2015 MRS Final RC: FY 2010						Total	\$5,180	\$34,547	\$46	\$6,125	\$0	\$6,001	\$673	\$2,853	FY10-Complete	\$30,799		
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09:	RI/FS continuing.	MMRP Progress in FY09:	The Phase III EE/CA is complete. The action memos are in the approval process. The Site 8 Removal Action is complete. The Site 20 TCRA is complete. The site 2A RA and RI/FS are in progress. The site-wide RI/FS is in progress.
IRP Progress Planned for FY10-FY11:	Complete RI/FS and initiate RD phase.	MMRP Progress Planned for FY10-FY11:	Obtain approval of Phase III Action Memos. Complete removal action and RI/FS at site 2A. Begin Remedial/Removal actions at remaining conventional MM sites. Continue site-wide RI/FS.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																								
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)							
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP					
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP								
Alaska																								
ARMY - FORT GREELY / AK021452215500 / BRAC 1995 / RAB / C-TECH																								
IRP Sites and MRSs by Classification				Study	65	4	7	1	0	0	0	REG		\$7,483	\$392	\$1,896	\$0	\$1,353	\$0	\$284	\$0	FY12	\$286	\$383
Response Complete	64	Response Complete	4	IRA	0(0)	0(0)	0(0)	0(0)						\$1,960	\$0	\$76	\$0	\$2,776	\$0	\$922	\$0	FY13	\$2,416	\$161
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0			\$1,296	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$394	\$164
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0			\$23,273	\$0	\$435	\$0	\$0	\$0	\$0	\$0	FY15	\$109	\$0
Low	6	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0			\$163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$9,813
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0			\$1,131	\$0	\$99	\$0	\$222	\$0	\$55	\$0	FY10-Comp. MMRP		\$708
Not Required	0	MRSPP-5	1	No Longer Required	4	IRP Final RC: FY 2024 MRS Final RC: FY 2012						Total	\$35,306	\$392	\$2,506	\$0	\$4,351	\$0	\$1,261	\$0	FY10-Complete		\$10,521	
Total IRP Sites	72	MRSPP-6	0	Total MRSs	5																			
IRP Progress in FY09: RI at FGLY-06 revealed the source of benzene (above MCL) in a downgradient well. Downgradient wells at FGLY-100 show ethylene dibromide (EDB) above MCLs. Investigation in the southwest berm did not reveal a source (valve pit to be explored in 2009). FGLY-76 will have excavation/off-site disposal of contaminated soils and remaining site will be capped in 2009. A DD for closure of multiple sites (FGLY-007, -010, -010, -037, -053, -050, -075, and -076) is complete as ADEC requires.												MMRP Progress in FY09: No progress reported.												
IRP Progress Planned for FY10-FY11: Remediation is planned for FGLY-06 in 2009/2010 to address benzene source [former underground storage tank (UST) farm at Bldg 163]. If successful, methods could be used at multiple other sites (FGLY-045, -046, -098, -100) with deep petroleum contamination. A decision document (DD) to close out 10-15 additional sites is planned. Soil removals and landfarming will be conducted at FGLY-099 sites and FGLY-097. Groundwater investigation will be completed at FGLY-090.												MMRP Progress Planned for FY10-FY11: No actions planned.												
ARMY - FORT RICHARDSON / AK021452215700 / NPL / RAB																								
IRP Sites and MRSs by Classification				Study	88	8	4	7	0	0			\$32,086	\$799	\$720	\$0	\$5,994	\$600	\$0	\$6,316	FY12	\$873	\$12,535	
Response Complete	77	Response Complete	8	IRA	34(70)	0(0)	2(2)	0(0)					\$10,316	\$0	\$0	\$0	\$1,333	\$0	\$0	\$0	FY13	\$336	\$13,360	
High	0	MRSPP-1	0	MRSPP-7	0	Design	10	0	0	0	3			\$1,299	\$0	\$0	\$0	\$0	\$0	\$873	FY14	\$136	\$18,839	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	45	0	1	0	4	7		\$28,927	\$0	\$212	\$0	\$73	\$0	\$0	FY15	\$724	\$17,236	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	7	0	3	0		\$15,260	\$0	\$1,077	\$0	\$1,443	\$0	\$1,012	\$0	FY10-Comp. IRP		\$17,748
Not Evaluated	7	MRSPP-4	3	No Known/Suspected	0	LTM	3	0	0	0	6	7		\$3,691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$104,651
Not Required	7	MRSPP-5	4	No Longer Required	8	IRP Final RC: FY 2039 MRS Final RC: FY 2016						Total	\$91,579	\$799	\$2,009	\$0	\$8,843	\$600	\$1,012	\$7,189	FY10-Complete		\$122,399	
Total IRP Sites	92	MRSPP-6	0	Total MRSs	15	Five-Year Review Completed																		
IRP Progress in FY09: Refer to Page D-76.												MMRP Progress in FY09: Refer to Page D-76.												
IRP Progress Planned for FY10-FY11: Refer to Page D-76.												MMRP Progress Planned for FY10-FY11: Refer to Page D-76.												
ARMY - FORT WAINWRIGHT / AK021452242600 / NPL / RAB / C-TECH / C-REG																								
IRP Sites and MRSs by Classification				Study	83	10	1	5	0	0			\$68,057	\$752	\$3,104	\$22	\$2,366	\$2,025	\$0	\$2,943	FY12	\$1,319	\$0	
Response Complete	65	Response Complete	10	IRA	36(65)	0(0)	0(0)	0(0)					\$2,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,244	\$464	
High	1	MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	1	3		\$3,508	\$0	\$0	\$0	\$0	\$0	\$228	\$0	FY14	\$1,098	\$14,611
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	42	0	3	0	2	4		\$52,654	\$0	\$616	\$0	\$680	\$0	\$711	\$0	FY15	\$1,382	\$865
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	10	0	15	0	2	0		\$33,785	\$0	\$6,498	\$0	\$1,948	\$0	\$1,909	\$0	FY10-Comp. IRP		\$27,073
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	8	0	4	0	6	4		\$7,837	\$0	\$82	\$0	\$90	\$0	\$136	\$0	FY10-Comp. MMRP		\$23,293
Not Required	14	MRSPP-5	0	No Longer Required	10	IRP Final RC: FY 2039 MRS Final RC: FY 2015						Total	\$168,163	\$752	\$10,300	\$22	\$5,084	\$2,025	\$2,984	\$2,943	FY10-Complete		\$50,366	
Total IRP Sites	84	MRSPP-6	0	Total MRSs	15	Five-Year Review Completed and Planned for Future																		
IRP Progress in FY09: Refer to Page D-79.												MMRP Progress in FY09: Refer to Page D-79.												
IRP Progress Planned for FY10-FY11: Refer to Page D-79.												MMRP Progress Planned for FY10-FY11: Refer to Page D-79.												

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																						
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						

Alaska

NAVY - ADAK NAS / AK017002432300 / NPL / BRAC 1995 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	96	1	0	0	0	0			\$46,420	\$554	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$326	\$23,940
Response Complete	92	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$1,999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,575	\$5,462
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$3,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$946	\$106
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	87	0	1	1	0	0	\$166,736	\$26,692	\$2,348	\$4,924	\$4,393	\$3,392	\$514	\$22,447	FY15	\$796	\$106
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	6	0	2	0	1	1	\$39,589	\$0	\$3,354	\$0	\$139	\$0	\$1,797	\$0	FY10-Comp. IRP		\$46,908
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	36	0	0	0	0	0	\$4,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$55,553
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041 MRS Final RC: FY 2016						Total	\$262,519	\$27,246	\$5,702	\$4,924	\$4,532	\$3,392	\$2,311	\$22,447	FY10-Complete		\$102,461
Total IRP Sites	96	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-12.	MMRP Progress in FY09: Refer to Page D-12.
IRP Progress Planned for FY10-FY11: Refer to Page D-12.	MMRP Progress Planned for FY10-FY11: Refer to Page D-12.

AIR FORCE - EARECKSON AIR FORCE BASE / AK057302870500 / C-TECH

IRP Sites and MRSs by Classification				Study	39	1	12	5	0	2			\$13,544	\$192	\$28	\$0	\$1,247	\$5,378	\$0	\$3,133	FY12	\$1,329	\$6,942
Response Complete	32	Response Complete	1	IRA	23(30)	0(0)	0(0)	0(0)					\$5,951	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$595	\$7,773
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	3			\$2,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$283	\$7,360
Medium	0	MRSPP-2	0	MRSPP-8	1	RA-C	1	0	0	0	2	6	REG	\$9,464	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$1,519
Low	19	MRSPP-3	1	Evaluation Pending	3	RA-O	0	0	0	0	1	3		\$0	\$0	\$0	\$0	\$16	\$0	\$0	FY10-Comp. IRP		\$3,692
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	2	0	7	6		\$400	\$0	\$0	\$0	\$222	\$0	\$0	FY10-Comp. MMRP		\$38,719
Not Required	0	MRSPP-5	1	No Longer Required	1	IRP Final RC: FY 2017 MRS Final RC: FY 2015						Total	\$31,799	\$192	\$28	\$0	\$1,485	\$5,378	\$0	\$3,133	FY10-Complete		\$42,411
Total IRP Sites	51	MRSPP-6	0	Total MRSs	8	Five-Year Review Planned for Future																	

IRP Progress in FY09: MMRP Preliminary Assessment field work completed on 4 sites.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: Finalize ROD/DDs for 9 sites. Triad RI scheduled FY 2008 for 12 sites.	MMRP Progress Planned for FY10-FY11: No actions planned.

AIR FORCE - ELMENDORF AIR FORCE BASE / AK057302864900 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	84	0	1	7	51	0			\$42,751	\$1,292	\$0	\$0	\$2,972	\$1,987	\$0	\$1,312	FY12	\$8,381	\$3,084
Response Complete	61	Response Complete	0	IRA	3(4)	0(0)	0(0)	0(0)					\$1,853	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,664	\$3,517
High	0	MRSPP-1	0	MRSPP-7	0	Design	14	0	0	0	0	0	\$5,437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,740	\$2,925
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	29	0	2	0	1	5	\$18,273	\$0	\$1,217	\$0	\$0	\$0	\$0	\$0	FY15	\$1,890	\$585
Low	2	MRSPP-3	0	Evaluation Pending	7	RA-O	3	0	22	0	1	0	\$21,865	\$0	\$1,800	\$0	\$2,077	\$0	\$1,976	\$0	FY10-Comp. IRP		\$61,595
Not Evaluated	51	MRSPP-4	0	No Known/Suspected	0	LTM	13	0	9	0	7	4	\$4,472	\$0	\$117	\$0	\$15	\$0	\$16	\$0	FY10-Comp. MMRP		\$15,919
Not Required	21	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2038 MRS Final RC: FY 2019						Total	\$94,651	\$1,292	\$3,134	\$0	\$5,064	\$1,987	\$1,992	\$1,312	FY10-Complete		\$77,514
Total IRP Sites	136	MRSPP-6	0	Total MRSs	7	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-57.	MMRP Progress in FY09: Refer to Page D-57.
IRP Progress Planned for FY10-FY11: Refer to Page D-57.	MMRP Progress Planned for FY10-FY11: Refer to Page D-57.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alaska

◆ FORMERLY USED DEFENSE SITES - AGATTU ISLAND / AK09799F251500 / C-EST

IRP Sites and MRSs by Classification				Study	0	0	1	0	0	0			\$49	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$500	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$18,141
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020		MRS Final RC: FY -				Total	\$49	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$18,141
Total IRP Sites	1	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: No work completed due to lack of funding.

IRP Progress Planned for FY10-FY11: No work completed due to lack of funding.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

◆ FORMERLY USED DEFENSE SITES - AMCHITKA AF AUXILIARY FIELD / AK09799F709900 / C-TECH

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$4,826	\$3,537	\$0	\$0	\$0	\$168	\$0	\$20	FY12	\$1,227	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,368	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	1		\$234	\$0	\$21	\$0	\$20	\$0	\$15	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	1		\$662	\$0	\$0	\$0	\$0	\$150	\$0	\$0	FY15	\$200	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$3,363
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	1		\$48	\$0	\$9	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$189,849
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2013		MRS Final RC: FY 2066				Total	\$5,770	\$3,537	\$30	\$0	\$20	\$168	\$165	\$20	FY10-Complete		\$193,212
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Proposed Plan in review/revision with landowner and regulator.

IRP Progress Planned for FY10-FY11: Final version of Proposed Plan will be presented for public comment and Decision Document will be signed.

MMRP Progress in FY09: No funding. No progress.

MMRP Progress Planned for FY10-FY11: SI phase funded for FY2010.

◆ FORMERLY USED DEFENSE SITES - ATKA CAPE KUDUGNAX / AK09799FA30800

IRP Sites and MRSs by Classification				Study	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$80	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$12,826
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019		MRS Final RC: FY -				Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,826
Total IRP Sites	3	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alaska

◆ FORMERLY USED DEFENSE SITES - ATTU ISL MIL SITES / AK09799F254500 / C-TECH

IRP Sites and MRSs by Classification				Study	1	1	0	0	1	3			\$535	\$274	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	2	3			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	1	0	0	2	3	\$73	\$1	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$600	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$30,487	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$39,999	
Not Required	1	MRSPP-5	1	No Longer Required	1	IRP Final RC: FY 2019 MRS Final RC: FY 2027						Total	\$608	\$275	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$70,486	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	4																			

IRP Progress in FY09: No progress.

IRP Progress Planned for FY10-FY11: No funding scheduled until 2015.

MMRP Progress in FY09: Completed the project realignment process.

MMRP Progress Planned for FY10-FY11: No MMRP work scheduled until 2022.

◆ FORMERLY USED DEFENSE SITES - BURMA ROAD / AK09799F696100 / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$212	\$217	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	1	\$153	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,994	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$38,802	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY 2031						Total	\$365	\$217	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$40,796	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No Funding no progress.

IRP Progress Planned for FY10-FY11: There is no additional progress planned for the next two years due to funding constraints

MMRP Progress in FY09: Project realigned per HQ guidance.

MMRP Progress Planned for FY10-FY11: There is no additional progress planned for the next two years due to funding constraints.

◆ FORMERLY USED DEFENSE SITES - BUSKIN BCH-KODIAK ISL / AK09799F710200 / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	0	0	0			\$3,448	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$200	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$200	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	0	\$315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$200	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	0	\$31,531	\$0	\$170	\$0	\$325	\$0	\$200	\$0	FY15	\$200	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$16,009	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	0	0	\$362	\$0	\$15	\$0	\$100	\$0	\$350	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY -						Total	\$35,656	\$0	\$185	\$0	\$425	\$0	\$550	\$0	FY10-Complete		\$16,009	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																			

IRP Progress in FY09: Proposed Plan and Decision Document Prepared. Issues surrounding comments on groundwater contamination must be resolved.

IRP Progress Planned for FY10-FY11: FY10 plan to finalize decision document and proposed plan

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																															
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)														
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP												
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP															
Alaska																															
FORMERLY USED DEFENSE SITES - CAPE YAKAK RADIO STA / AK09799F253000 / C-EST																															
IRP Sites and MRSs by Classification										Study	1	0	1	0	0	0			\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0		
Response Complete	0	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0			
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$5,379	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$452	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,750			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0			
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY -						Total	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,750			
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																										
IRP Progress in FY09: No progress.										MMRP Progress in FY09: No MMRP sites identified.																					
IRP Progress Planned for FY10-FY11: No funding planned for the next two years.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																					
FORMERLY USED DEFENSE SITES - FORT GLENN / AK09799F278300 / C-TECH / C-EST																															
IRP Sites and MRSs by Classification										Study	1	0	1	2	1	0			\$1,085	\$1,396	\$0	\$0	\$0	\$250	\$0	\$5,500	FY12	\$3,500	\$4,560		
Response Complete	0	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,195	\$787			
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0	1	0	0	2						\$565	\$0	\$0	\$0	\$45	\$0	\$102	\$0	FY14	\$1,686	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	1	2						\$1,895	\$0	\$0	\$0	\$2,731	\$0	\$0	\$0	FY15	\$575	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$13,837			
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	1	2						\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0	FY10-Comp. MMRP		\$222,641			
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2030 MRS Final RC: FY 2030						Total	\$3,545	\$1,396	\$0	\$0	\$2,776	\$250	\$352	\$5,500	\$0	\$0	\$0	\$0	FY10-Complete		\$236,478				
Total IRP Sites	3	MRSPP-6	0	Total MRSs	2																										
IRP Progress in FY09: No funding, no progress.										MMRP Progress in FY09: No work, no progress.																					
IRP Progress Planned for FY10-FY11: planning for CON HTRW removal and HTRW investigation.										MMRP Progress Planned for FY10-FY11: Conduct a Technical Project Planning Meeting to draft our planning documents to figure out how to deal with an extremely remote site with suspected chemical warfare munitions. Conduct remedial investigation to located suspected CWM.																					
FORMERLY USED DEFENSE SITES - GREAT SITKIN ISL / AK09799F260400 / C-EST																															
IRP Sites and MRSs by Classification										Study	0	1	1	0	0	0			\$980	\$76	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$487	\$0			
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$4,035	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$48,574			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	1	0	0	1	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0			
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2020 MRS Final RC: FY 2004						Total	\$980	\$76	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$48,574			
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																										
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: No progress reported.																					
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: No actions planned.																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Alaska

◆ FORMERLY USED DEFENSE SITES - SUSITNA GUNNERY RNG / AK09799F271500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$2,253	\$0	\$1,758	\$0	\$405	\$0	\$250	FY12	\$0	\$820
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$808
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$158
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$1,656
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$84,286
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2038					Total	\$0	\$2,253	\$0	\$1,758	\$0	\$405	\$0	\$250		FY10-Complete		\$84,286
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: A contract was awarded for \$1.6M to conduct an RIFS with Decision Document on 5 priority sites within the greater SGR MRS. Geophysics and anomaly digs will complete the survey. The PIP was completed. Two Technical Project Planning (TPP) meetings were conducted as well as a site visit.

MMRP Progress Planned for FY10-FY11: Complete the RIFS. Assess its applicability to the greater SGR MRS. Conduct public meetings; perhaps initiate a Restoration Advisory Board (RAB).

◆ FORMERLY USED DEFENSE SITES - TANAGA ISL / AK09799F271800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	1	1	0		\$3,623	\$1,644	\$575	\$639	\$369	\$633	\$25	\$1,068	FY12	\$150	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$13,722	\$9,050	
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	1	\$330	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,569	\$5,754	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	2	0	1	\$1,832	\$0	\$0	\$0	\$110	\$0	\$381	\$0	FY15	\$60	\$809	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$17,386	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$17,314	
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2014					Total	\$5,785	\$1,644	\$575	\$639	\$479	\$633	\$406	\$1,068		FY10-Complete		\$34,700
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Completed Remedial Investigation field work for both MMRP and HTRW projects.

IRP Progress Planned for FY10-FY11: Complete Remedial Investigation Report, Feasibility Study and Decision Document for both HTRW and MMRP projects.

MMRP Progress in FY09: Completed Remedial Investigation field work for both MMRP and HTRW projects.

MMRP Progress Planned for FY10-FY11: Complete Remedial Investigation Report, Feasibility Study and Decision Document for both HTRW and MMRP projects.

◆ FORMERLY USED DEFENSE SITES - UMIAT AFS / AK09799F273100 / RAB / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	2	0	1	0	4	0		\$3,710	\$0	\$28	\$0	\$950	\$0	\$1,000	\$0	FY12	\$4,493	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			\$1,066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$6,478	\$0	
High	3	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	3	\$798	\$0	\$6	\$0	\$0	\$0	\$0	\$0	FY14	\$1,180	\$0	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	2	0	3	\$45,372	\$0	\$8,089	\$0	\$6,813	\$0	\$81	\$0	FY15	\$5,294	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$173,060	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	3	\$8	\$0	\$0	\$0	\$0	\$0	\$48	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023 MRS Final RC: FY -					Total	\$50,954	\$0	\$8,123	\$0	\$7,763	\$0	\$1,129	\$0	FY10-Complete		\$173,060	
Total IRP Sites	7	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Removal of drums from Umiat Lake and PCB soil from Test Well #9.

IRP Progress Planned for FY10-FY11: Erosion study of Umiat Landfill. Removal of remaining PCB soil from Test Well #9. Closure of 03 HTRW project.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

ARMY - YUMA PROVING GROUND / AZ921412099100 / C-TECH

IRP Sites and MRSs by Classification				Study	48	1	2	1	0	0			\$9,435	\$435	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$2,751	\$52
Response Complete	44	Response Complete	1	IRA	3(3)	0(0)	0(0)	0(0)					\$1,254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$314	\$6,562
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	5	0	0	1	\$798	\$0	\$0	\$0	\$0	\$0	\$155	\$0	FY14	\$309	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	17	0	0	0	5	1	\$3,783	\$0	\$0	\$0	\$0	\$0	\$10,353	\$0	FY15	\$311	\$0
Low	0	MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	1	0	0	0	\$480	\$0	\$0	\$0	\$0	\$0	\$41	\$0	FY10-Comp. IRP		\$18,525
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	8	0	6	1	\$2,663	\$0	\$220	\$0	\$0	\$0	\$240	\$0	FY10-Comp. MMRP		\$7,142
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2017 MRS Final RC: FY 2014					Total	\$18,413	\$435	\$220	\$0	\$0	\$0	\$10,789	\$0	FY10-Complete		\$25,667	
Total IRP Sites	50	MRSPP-6	0	Total MRSs	2	Five-Year Review Planned for Future																	

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: A remedial investigation/feasibility study (RI/FS) is underway under the YPG-PBA.
IRP Progress Planned for FY10-FY11: No actions planned.	MMRP Progress Planned for FY10-FY11: None.

NAVY - YUMA MCAS / AZ917302449300 / NPL / RAB

IRP Sites and MRSs by Classification				Study	25	2	0	5	0	0			\$22,802	\$448	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$121	\$0
Response Complete	23	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$3,745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$251	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0	\$1,467	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$126	\$0
Medium	0	MRSPP-2	0	MRSPP-8	4	RA-C	11	0	0	0	0	4	\$12,875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$129	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	3	0	1	0	0	0	\$7,764	\$0	\$121	\$0	\$116	\$0	\$119	\$0	FY10-Comp. IRP		\$1,951
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$2,402	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,230
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2021					Total	\$51,055	\$448	\$121	\$0	\$116	\$0	\$119	\$0	FY10-Complete		\$14,181	
Total IRP Sites	25	MRSPP-6	2	Total MRSs	7	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-204.	MMRP Progress in FY09: Refer to Page D-204.
IRP Progress Planned for FY10-FY11: Refer to Page D-204.	MMRP Progress Planned for FY10-FY11: Refer to Page D-204.

AIR FORCE - AIR FORCE PLANT 44 / AZ957172462900 / NPL / RAB / C-EST

IRP Sites and MRSs by Classification				Study	12	0	1	0	0	0			\$11,670	\$0	\$0	\$0	\$817	\$0	\$0	\$0	FY12	\$2,839	\$0
Response Complete	11	Response Complete	0	IRA	7(10)	0(0)	1(1)	0(0)					\$6,910	\$0	\$515	\$0	\$0	\$0	\$0	\$0	FY13	\$3,318	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	0	\$12,475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,015	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	0	0	\$19,021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,045	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	1	0	1	0	\$37,202	\$0	\$3,647	\$0	\$3,854	\$0	\$2,240	\$0	FY10-Comp. IRP		\$40,695
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	3	0	2	0	\$231	\$0	\$0	\$0	\$104	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2030 MRS Final RC: FY -					Total	\$87,509	\$0	\$4,162	\$0	\$4,775	\$0	\$2,240	\$0	FY10-Complete		\$40,695	
Total IRP Sites	13	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																	

IRP Progress in FY09: Refer to Page D-15.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-15.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

AIR FORCE - DAVIS-MONTHAN AIR FORCE BASE / AZ957212405500 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	54	2	1	6	2	0			\$7,673	\$909	\$0	\$0	\$0	\$2,145	\$0	\$930	FY12	\$714	\$1,944
Response Complete	50	Response Complete	2	IRA	7(7)	0(0)	3(3)	0(0)					\$2,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,010	\$1,997
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	6		\$3,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$712	\$1,278
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	0	0	6		\$4,352	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$250
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	1	0	3	0	0		\$7,241	\$0	\$1,191	\$0	\$626	\$0	\$656	\$0	FY10-Comp. IRP		\$3,748
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	13	0	2	0	6		\$858	\$0	\$0	\$0	\$0	\$0	\$30	\$0	FY10-Comp. MMRP		\$9,780
Not Required	3	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2015 MRS Final RC: FY 2014						Total	\$26,345	\$909	\$1,191	\$0	\$626	\$2,145	\$686	\$930	FY10-Complete		\$13,528
Total IRP Sites	57	MRSPP-6	0	Total MRSs	8	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: FY06: continued RA-O for 4 sites. Under PBR contract, 2 sites closed and three need additional information for NFA.Delineated expanded plume at ST35. Cleanup underway for old service station fuel spill to turn property over to Bank of America.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: FY06/07: Continue RA-O with ICE SVE for 2 sites & LTM for 4 sites. Determining if add'l treatment o ST35 option need in conjunction with SVE. Finalized study at ST-53 fuel leak. Complete NFA closure of 4 sites under PBR contract 07/08.	MMRP Progress Planned for FY10-FY11: No actions planned.

AIR FORCE - GOLDWATER RANGE / AZ957152413900 / C-EST

IRP Sites and MRSs by Classification				Study	54	1	0	4	0	0			\$3,136	\$1,811	\$0	\$0	\$0	\$0	\$0	\$2,181	FY12	\$0	\$1,160
Response Complete	54	Response Complete	1	IRA	12(13)	0(0)	0(0)	0(0)					\$1,117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$455
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$6,789
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$2,868
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3		\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,051
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2009 MRS Final RC: FY 2014						Total	\$4,275	\$1,811	\$0	\$0	\$0	\$0	\$2,181	FY10-Complete		\$15,051	
Total IRP Sites	54	MRSPP-6	0	Total MRSs	5																		

IRP Progress in FY09: Program Complete.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: IRP program Complete. Continue MMRP Area A IRA.	MMRP Progress Planned for FY10-FY11: No actions planned.

AIR FORCE - WILLIAMS AFB / AZ957002858200 / NPL / BRAC 1991 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	31	3	2	0	0	0			\$18,320	\$0	\$455	\$0	\$218	\$0	\$0	\$0	FY12	\$5,146	\$0
Response Complete	30	Response Complete	3	IRA	29(33)	0(0)	2(2)	0(0)					\$4,414	\$0	\$455	\$0	\$207	\$0	\$0	\$0	FY13	\$5,491	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1		\$2,603	\$0	\$0	\$0	\$309	\$0	\$0	\$0	FY14	\$2,176	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	1		\$26,136	\$0	\$562	\$0	\$1,813	\$0	\$1,637	\$0	FY15	\$1,513	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	2		\$12,322	\$0	\$1,840	\$0	\$4	\$0	\$6,963	\$0	FY10-Comp. IRP		\$57,376
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	8	0	1		\$7,075	\$0	\$3,025	\$0	\$3,374	\$0	\$9,368	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	3	IRP Final RC: FY 2061 MRS Final RC: FY 2008						Total	\$70,870	\$0	\$6,337	\$0	\$5,925	\$0	\$17,968	\$0	FY10-Complete		\$57,376
Total IRP Sites	33	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-197.	MMRP Progress in FY09: Refer to Page D-197.
IRP Progress Planned for FY10-FY11: Refer to Page D-197.	MMRP Progress Planned for FY10-FY11: Refer to Page D-197.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

FORMERLY USED DEFENSE SITES - CAMP BOUSE / AZ99799F507300

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$265	\$0	\$10	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$110,572
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2081					Total	\$0	\$265	\$0	\$10	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$110,572
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized December 2008.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

FORMERLY USED DEFENSE SITES - CAMP HORN / AZ99799F507500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$238	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,193
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2029					Total	\$0	\$238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$18,193
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No activities completed in FY09, MMRP Site inspection Report completed 6/30/2007.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

FORMERLY USED DEFENSE SITES - CAMP HYDER / AZ99799F507600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$198	\$0	\$198	\$0	\$15	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,284
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2117					Total	\$0	\$198	\$0	\$198	\$0	\$15	\$0	\$0	\$0	FY10-Complete		\$15,284
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Technical Project Planning report Fianl completed FY2008, Site Specific Workplan Draft August 2009.

MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion July 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

FORMERLY USED DEFENSE SITES - FORT HUACHUCA / AZ99799FA38900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$189	\$0	\$189	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,280	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2090					Total	\$0	\$189	\$0	\$189	\$0	\$20	\$0	\$0	FY10-Complete		\$10,280	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Technical Project Planning report Final completed FY2008, Site Specific Workplan Final July 2009.</p> <p>MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion May 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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FORMERLY USED DEFENSE SITES - KOFA NWR / AZ99799F505000

IRP Sites and MRSs by Classification				Study	0	0	0	5	0	0			\$0	\$750	\$0	\$21	\$0	\$26	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$134,215	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2161					Total	\$0	\$750	\$0	\$21	\$0	\$26	\$0	\$0	FY10-Complete		\$134,215	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	5																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Projects 02, 03, & 05 MMRP Site Inspection Reports Completed/Finalized September 30, 2009. Project 01 & 04 Technical Project Planning report Final, Site Specific Workplan Draft FY09.</p> <p>MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion March 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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FORMERLY USED DEFENSE SITES - LAGUNA MANEUVER AREA / AZ99799F512600

IRP Sites and MRSs by Classification				Study	0	1	0	9	0	0			\$0	\$1,159	\$0	\$587	\$0	\$150	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	9	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$497,590	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY - MRS Final RC: FY 2144					Total	\$0	\$1,159	\$0	\$587	\$0	\$150	\$0	\$0	FY10-Complete		\$497,590	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	10																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized: 03 - 9/24/7; 05 - 12/26/7; 06 - 9/24/7; 07 - 12/31/7</p> <p>MMRP Progress Planned for FY10-FY11: LMA: MMRP Site Inspection Contract scheduled for FY2010 award with associated TPP, SSWP, field work and Final SI Report to follow. 03 Awarded 12/24/08. 04 Awarded 12/24/08. 08 Awarded 12/24/08. 09 Awarded 12/24/08. 10 Awarded 12/24/08. 11 Awarded 12/24/08.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria **Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding
 Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

FORMERLY USED DEFENSE SITES - MOHAVE MANEUVER AREA C / AZ99799F514700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$132	\$0	\$20	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$53,481
Not Required	0	MRSPP-5	0	No Longer Required	0																FY10-Complete		\$53,481
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1								Total	\$0	\$0	\$0	\$0	\$132	\$0	\$20			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No work scheduled in FY09.

MMRP Progress Planned for FY10-FY11: MMRP Site Inspection Contract scheduled for FY2010 award with associated TPP, SSWP, field work and Final SI Report to follow.

FORMERLY USED DEFENSE SITES - MUGGINS MOUNTAINS / AZ99799FA35900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$215	\$0	\$215	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$49,521
Not Required	0	MRSPP-5	0	No Longer Required	0																FY10-Complete		\$49,521
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1								Total	\$0	\$215	\$0	\$215	\$0	\$20	\$0			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Technical Project Planning report Final completed FY2008, Site Specific Workplan Final July 2009.

MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion June 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.

FORMERLY USED DEFENSE SITES - SAHUARITA AFR / AZ99799F516500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$34,326
Not Required	0	MRSPP-5	0	No Longer Required	0																FY10-Complete		\$34,326
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1								Total	\$0	\$193	\$0	\$0	\$0	\$0	\$0			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No work scheduled in FY09.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Arizona

◆ FORMERLY USED DEFENSE SITES - SCHUK-TOAK A TO G GUN RGE / AZ99799F516700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$145	\$0	\$8	\$0	\$15	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$36,352
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2079					Total	\$0	\$145	\$0	\$8	\$0	\$15	\$0	\$0	\$0	FY10-Complete		\$36,352
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized September 23, 2009.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

◆ FORMERLY USED DEFENSE SITES - TASK FORCE FURNACE / AZ99799F517500

IRP Sites and MRSs by Classification				Study	0	1	0	2	0	0			\$0	\$432	\$0	\$51	\$0	\$45	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$21,176
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY - MRS Final RC: FY 2091					Total	\$0	\$432	\$0	\$51	\$0	\$45	\$0	\$0	\$0	FY10-Complete		\$21,176
Total IRP Sites	0	MRSPP-6	0	Total MRSs	3																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Project 01, 02, & 03; MMRP Site Inspection Report Completed/Finalized June, 2009.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

◆ FORMERLY USED DEFENSE SITES - YUMA PROVING GROUNDS / AZ99799F825100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$200	\$0	\$200	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,904
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2081					Total	\$0	\$200	\$0	\$200	\$0	\$20	\$0	\$0	\$0	FY10-Complete		\$10,904
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Technical Project Planning report Final completed FY2008, Site Specific Workplan Final July 2009.

MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion June 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

ARMY - FORT HUNTER LIGGETT / CA921042043600 / C-TECH

IRP Sites and MRSs by Classification				Study	35	11	0	1	0	0			\$4,833	\$252	\$0	\$0	\$0	\$845	\$0	\$0	FY12	\$1,590	\$110	
Response Complete	33	Response Complete	11	IRA	11(19)	0(0)	0(0)	0(0)					\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,618	\$52	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1		\$2,695	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,068	\$8,283	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	0	1		\$11,358	\$0	\$26	\$0	\$0	\$0	\$0	\$0	FY15	\$923	\$6,000	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	2	0	0		\$1,657	\$0	\$1,232	\$0	\$111	\$0	\$1,428	\$0	FY10-Comp. IRP		\$12,913	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	2		\$1,003	\$0	\$210	\$0	\$30	\$0	\$150	\$0	FY10-Comp. MMRP		\$15,914	
Not Required	2	MRSPP-5	1	No Longer Required	11	IRP Final RC: FY 2015		MRS Final RC: FY 2017				Total	\$26,546	\$252	\$1,468	\$0	\$141	\$845	\$1,578	\$0	FY10-Complete		\$28,827	
Total IRP Sites	35	MRSPP-6	0	Total MRSs	12	Five-Year Review Underway																		

<p>IRP Progress in FY09: No progress reported.</p> <p>IRP Progress Planned for FY10-FY11: No actions planned.</p>	<p>MMRP Progress in FY09: The RI is anticipated to begin in FY09.</p> <p>MMRP Progress Planned for FY10-FY11: The RI will be finalized in FY10 and the RD will begin if needed.</p>
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ARMY - FORT ORD / CA921372067600 / NPL / BRAC 1991 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	46	6	0	16	0	0			\$37,434	\$99,414	\$0	\$32,659	\$0	\$2,154	\$0	\$760	FY12	\$7,962	\$10,783	
Response Complete	41	Response Complete	4	IRA	2(3)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$7,962	\$6,168	
High	2	MRSPP-1	0	MRSPP-7	0	Design	26	0	0	0	0		\$17,403	\$8,610	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,197	\$13,777	
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	25	0	2	2	0		\$149,177	\$90,824	\$1,728	\$5,003	\$4,000	\$23,206	\$4,000	\$8,468	FY15	\$5,455	\$10,555	
Low	0	MRSPP-3	4	Evaluation Pending	12	RA-O	0	0	3	0	1		\$30,543	\$0	\$4,254	\$0	\$4,948	\$0	\$4,739	\$0	FY10-Comp. IRP		\$147,927	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	1	4	5		\$17,654	\$8,570	\$65	\$311	\$24	\$285	\$23	\$376	FY10-Comp. MMRP		\$238,934	
Not Required	3	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2037		MRS Final RC: FY 2019				Total	\$252,211	\$207,418	\$6,047	\$37,973	\$8,972	\$25,645	\$8,762	\$9,604	FY10-Complete		\$386,861	
Total IRP Sites	46	MRSPP-6	0	Total MRSs	22	Five-Year Review Completed and Planned for Future																		

<p>IRP Progress in FY09: Refer to Page D-75.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-75.</p>	<p>MMRP Progress in FY09: Refer to Page D-75.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-75.</p>
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ARMY - MILITARY OCEAN TERMINAL CONCORD / CA921350696A00 / NPL

IRP Sites and MRSs by Classification				Study	50	1	8	3	0	0			\$0	\$0	\$0	\$0	\$6,715	\$167	\$0	\$0	FY12	\$664	\$8,592
Response Complete	43	Response Complete	1	IRA	4(4)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$784	\$0
High	8	MRSPP-1	0	MRSPP-7	0	Design	4	0	2	0	1		\$0	\$0	\$0	\$0	\$385	\$0	\$0	\$0	FY14	\$746	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	2	0	4		\$0	\$0	\$0	\$0	\$22,998	\$0	\$22,621	\$0	FY15	\$737	\$0
Low	1	MRSPP-3	0	Evaluation Pending	3	RA-O	7	0	2	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$71,482
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	8	0	6		\$0	\$0	\$0	\$0	\$1,303	\$0	\$395	\$0	FY10-Comp. MMRP		\$52,178
Not Required	2	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2013		MRS Final RC: FY 2018				Total	\$0	\$0	\$0	\$0	\$31,401	\$167	\$23,016	\$0	FY10-Complete		\$123,660
Total IRP Sites	58	MRSPP-6	0	Total MRSs	4																		

<p>IRP Progress in FY09: Refer to Page D-122.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-122.</p>	<p>MMRP Progress in FY09: Refer to Page D-122.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-122.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

NAVY - BARSTOW MCLB / CA917302426100 / NPL

IRP Sites and MRSs by Classification				Study	42	0	0	0	1	0	TECH		\$51,047	\$0	\$127	\$0	\$0	\$0	\$0	\$0	FY12	\$3,594	\$0
Response Complete	32	Response Complete	0	IRA	9(9)	0(0)	0(0)	0(0)			TECH		\$21,443	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,278	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	FUND	\$2,740	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,600	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	1	0	1	REG	\$24,264	\$0	\$311	\$0	\$296	\$0	\$373	\$0	FY15	\$2,503	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	2	0	0		\$10,138	\$0	\$1,779	\$0	\$1,114	\$0	\$1,036	\$0	FY10-Comp. IRP		\$42,876
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	5	0	2		\$1,359	\$0	\$263	\$0	\$200	\$0	\$202	\$0	FY10-Comp. MMRP		\$0
Not Required	9	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039		MRS Final RC: FY -				Total	\$110,991	\$0	\$2,480	\$0	\$1,610	\$0	\$1,611	\$0	FY10-Complete		\$42,876
Total IRP Sites	43	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-28.	MMRP Progress in FY09:	No MMRP sites identified.
IRP Progress Planned for FY10-FY11:	Refer to Page D-28.	MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

NAVY - BRIDGEPORT MCMWTC / CA917302756100 / C-TECH

IRP Sites and MRSs by Classification				Study	18	0	0	0	0	1		\$4,742	\$0	\$0	\$0	\$0	\$387	\$0	\$0	\$0	FY12	\$150	\$0
Response Complete	12	Response Complete	0	IRA	5(5)	0(0)	0(0)	0(0)				\$3,624	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$429	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	1		\$129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$40	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	0	0	1		\$5,255	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$149	\$480
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	1	0	0		\$2,672	\$0	\$70	\$0	\$80	\$0	\$168	\$0	FY10-Comp. IRP		\$2,132
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	5	0	0		\$2,114	\$0	\$572	\$0	\$528	\$0	\$147	\$0	FY10-Comp. MMRP		\$9,869
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2011		MRS Final RC: FY 2019				Total	\$18,536	\$0	\$642	\$0	\$608	\$387	\$315	\$0	FY10-Complete		\$12,001
Total IRP Sites	18	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Continued LTM and working on four closure reports.	MMRP Progress in FY09:	A new site was added to the program. The PA/SI will be funded in FY10.
IRP Progress Planned for FY10-FY11:	Will fund LTM and complete a removal action at Site 4. Will continue to work on site closure reports.	MMRP Progress Planned for FY10-FY11:	Complete the PA/SI.

NAVY - CAMP PENDLETON MCB / CA917302353300 / NPL / C-TECH

IRP Sites and MRSs by Classification				Study	179	0	27	0	3	0	REG		\$69,483	\$0	\$290	\$0	\$2,122	\$0	\$3,257	\$0	FY12	\$7,105	\$0
Response Complete	90	Response Complete	0	IRA	9(9)	0(0)	0(0)	0(0)			REG		\$30,899	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$16,652	\$0
High	16	MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	15	0	\$4,324	\$0	\$475	\$0	\$0	\$0	\$110	\$0	FY14	\$8,718	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	21	0	10	0	28	0	\$87,942	\$0	\$9,148	\$0	\$8,848	\$0	\$7,329	\$0	FY15	\$12,849	\$0
Low	47	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	4	0	7	0	\$12,517	\$0	\$874	\$0	\$911	\$0	\$2,000	\$0	FY10-Comp. IRP		\$92,497
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	8	0	16	0	\$10,885	\$0	\$1,720	\$0	\$1,315	\$0	\$1,206	\$0	FY10-Comp. MMRP		\$0
Not Required	55	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020		MRS Final RC: FY -				Total	\$216,050	\$0	\$12,507	\$0	\$13,196	\$0	\$13,902	\$0	FY10-Complete		\$92,497
Total IRP Sites	209	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-34.	MMRP Progress in FY09:	No MMRP sites identified.
IRP Progress Planned for FY10-FY11:	Refer to Page D-34.	MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

NAVY - CHINA LAKE NAWS / CA917002315200 / RAB

IRP Sites and MRSs by Classification				Study	64	0	17	2	8	0	FUND	FUND	\$57,683	\$999	\$1,041	\$0	\$1,536	\$0	\$866	\$344	FY12	\$7,526	\$19		
Response Complete	10	Response Complete	0	IRA	7(7)	0(0)	1(1)	0(0)			FUND	FUND	\$17,737	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$10,984	\$35		
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	2	0	11	0	FUND	FUND	\$1,889	\$0	\$0	\$242	\$0	\$0	FY14	\$12,397	\$954		
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	0	0	13	1	FUND	FUND	\$12,894	\$0	\$2,022	\$0	\$630	\$0	\$639	\$0	FY15	\$4,325	\$490
Low	24	MRSPP-3	0	Evaluation Pending	0	RA-O	14	0	6	0	3	0			\$5,960	\$0	\$453	\$0	\$1,683	\$0	\$1,501	\$0	FY10-Comp. IRP	\$48,936	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	9	0	9	0	14	0			\$3,781	\$0	\$87	\$0	\$914	\$0	\$1,057	\$0	FY10-Comp. MMRP	\$2,972	
Not Required	51	MRSPP-5	1	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2016						Total	\$99,944	\$999	\$3,603	\$0	\$5,005	\$0	\$4,063	\$344	FY10-Complete	\$51,908			
Total IRP Sites	89	MRSPP-6	1	Total MRSs	2	Five-Year Review Completed and Planned for Future																			

<p>IRP Progress in FY09: Completed LUC RDs for Airfield OU and Site 6; completed FS and PP for Propulsion Labs OU ; completed Area R OU FS and PP; Implemented MNA remedy at Airfield; Site 44/45 RD complete; Received CNO and SECNAV Environmental Restoration team award.</p> <p>IRP Progress Planned for FY10-FY11: Complete RODs at Michelson Laboratory OU and Propulsion Labs OU ; Implement 3 Removal actions; continue Landfill cap O&M, construction; Continue RAO of 2 SVE systems; Continue MNA remedy at Airfield OU and Area R OU. Complete LUC RD at Area R OU.</p>	<p>MMRP Progress in FY09: Site Inspection completed - UXO 1- China Lake Police Dept / Sierra Gun Club pistol range; Site Inspection completed - UXO 2 - Mojave Target 71.</p> <p>MMRP Progress Planned for FY10-FY11: Complete SI reports for UXO 1 and UXO 2; Conduct Geophysical survey UXO 2; Excess property following SI at UXO 2.</p>
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NAVY - CONCORD NWS / CA917002452800 / NPL / RAB

IRP Sites and MRSs by Classification				Study	3	5	6	3	0	0	REG	REG	\$40,936	\$6,795	\$681	\$745	\$420	\$585	\$304	\$3,903	FY12	\$4,226	\$2,965		
Response Complete	0	Response Complete	2	IRA	0(0)	0(0)	0(0)	0(0)			TECH	TECH	\$6,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$172	\$1,440		
High	7	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	FUND	FUND	\$4,011	\$0	\$2,585	\$0	\$249	\$0	\$78	\$0	FY14	\$200	\$148
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	FUND	FUND	\$28,234	\$0	\$0	\$0	\$221	\$0	\$1,754	\$0	FY15	\$3,301	\$2,038
Low	2	MRSPP-3	1	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$355	\$0	\$352	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$14,269	
Not Evaluated	0	MRSPP-4	3	No Known/Suspected	2	LTM	0	0	0	0	0	0			\$6,667	\$7	\$0	\$0	\$0	\$0	\$88	\$0	FY10-Comp. MMRP	\$11,863	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2020						Total	\$86,266	\$6,802	\$3,618	\$745	\$890	\$585	\$2,224	\$3,903	FY10-Complete	\$26,132			
Total IRP Sites	9	MRSPP-6	0	Total MRSs	8	Five-Year Review Completed and Planned for Future																			

<p>IRP Progress in FY09: Refer to Page D-138.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-138.</p>	<p>MMRP Progress in FY09: Refer to Page D-138.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-138.</p>
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NAVY - CORONADO NAB / CA917002313000 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	2	0	4	1	0	0			\$8,546	\$1,130	\$1,216	\$321	\$248	\$0	\$0	\$0	FY12	\$4,071	\$0		
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$566	\$0	\$0	\$0	\$0	\$0	\$406	\$0	FY13	\$4,006	\$0		
High	4	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,132	\$1,987
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$851	\$0	\$0	\$0	\$0	\$0	\$297	\$0	FY15	\$417	\$221
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$0	FY10-Comp. IRP	\$12,325	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	4	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$2,823	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY 2016						Total	\$9,982	\$1,130	\$1,216	\$321	\$248	\$0	\$808	\$0	FY10-Complete	\$15,148			
Total IRP Sites	6	MRSPP-6	0	Total MRSs	1																				

<p>IRP Progress in FY09: The ESI/RI report for IR Sites 2, 3, 4, and 6 was submitted to the regulatory agencies for review and comments have been received. The document is under revision.</p> <p>IRP Progress Planned for FY10-FY11: Prepare a work plan amendment for additional sediment sampling at IR Sites 2, 3, 4, and 6.</p>	<p>MMRP Progress in FY09: SI Work Plan for UXO 5 was implemented. Internal draft SI report under review by Navy.</p> <p>MMRP Progress Planned for FY10-FY11: Finalize SI report with input from regulatory agencies.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

NAVY - EL CENTRO NAF / CA917002453000 / C-TECH

IRP Sites and MRSs by Classification				Study	18	0	4	4	0	0	FUND	FUND	\$8,481	\$1,165	\$562	\$0	\$0	\$0	\$0	FY12	\$1,699	\$181	
Response Complete	14	Response Complete	0	IRA	13(13)	0(0)	0(0)	0(0)			FUND	FUND	\$12,143	\$0	\$141	\$0	\$450	\$0	\$487	FY13	\$2,087	\$1,071	
High	1	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	2	1	FUND	FUND	\$1,579	\$0	\$0	\$0	\$103	\$0	\$0	FY14	\$4,722	\$131
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	1	0	4	FUND	FUND	\$9,317	\$0	\$0	\$0	\$0	\$0	\$70	FY15	\$2,458	\$0
Low	3	MRSPP-3	1	Evaluation Pending	2	RA-O	2	0	0	0	0			\$6,003	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$14,136
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	3	1		\$1,537	\$0	\$123	\$0	\$120	\$0	\$111	FY10-Comp. MMRP		\$12,305
Not Required	3	MRSPP-5	1	No Longer Required	0	IRP Final RC: FY 2015 MRS Final RC: FY 2019						Total	\$39,060	\$1,165	\$826	\$0	\$673	\$0	\$1,305	\$0	FY10-Complete		\$26,441
Total IRP Sites	22	MRSPP-6	0	Total MRSs	4	Five-Year Review Planned for Future																	

<p>IRP Progress in FY09: Completed base-wide GW monitoring. Signed Site1 ROD. Completed Site2 FS. Optimized Site7 remediation. Signed Action Memo and completed removal action at Site10. Initiated Site18 investigation.</p> <p>IRP Progress Planned for FY10-FY11: Complete base-wide LTM GW monitoring. Continue Site1 maintenance and prepare LUC Plan. Complete Site2 PP/ROD. Finalize Site 7 CAP, finish VEP remediation and transition to MNA. Obtain site closure for Site 10. Complete Site 18 SI and RI/FS.</p>	<p>MMRP Progress in FY09: Completed Small Arms Site Inspection UXO Sites 001, 002, and Areas of Concern 001 and 002. AOC 002 recommended NFA. Completed UXO Site 003, Carrizo Impact Area, Site Inspection further investigation recommended.</p> <p>MMRP Progress Planned for FY10-FY11: Perform extended SI for UXO Site 001 with potential for NFA recommendation.</p>
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NAVY - EL TORO MCAS / CA917302320800 / NPL / BRAC 1993 / RAB

IRP Sites and MRSs by Classification				Study	24	0	1	0	0	0	FUND	Study	\$57,377	\$0	\$1,446	\$0	\$50	\$0	\$0	\$0	FY12	\$1,518	\$0
Response Complete	15	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			FUND		\$9,060	\$0	\$967	\$0	\$0	\$0	\$0	\$0	FY13	\$1,512	\$0
High	3	MRSPP-1	0	MRSPP-7	0	Design	6	0	0	0	1	0	FUND	\$11,679	\$0	\$0	\$0	\$0	\$0	\$784	FY14	\$1,525	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	2	0	1	0	FUND	\$57,079	\$0	\$0	\$0	\$3,158	\$0	\$1,178	FY15	\$1,658	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	4	0		\$14,256	\$0	\$627	\$0	\$1,375	\$0	\$0	FY10-Comp. IRP		\$60,667
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0		\$3,957	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2042 MRS Final RC: FY -						Total	\$153,408	\$0	\$3,040	\$0	\$4,583	\$0	\$1,962	\$0	FY10-Complete		\$60,667
Total IRP Sites	25	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																	

<p>IRP Progress in FY09: Refer to Page D-55.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-55.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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NAVY - FALLBROOK NOC PAC DIV DET / CA917000039600 / C-TECH

IRP Sites and MRSs by Classification				Study	5	0	2	7	5	0		\$2,466	\$2,312	\$1,310	\$283	\$485	\$0	\$0	\$0	FY12	\$1,126	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	1(1)				\$0	\$1,562	\$0	\$1,562	\$0	\$0	\$0	\$0	FY13	\$199	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0	FUND	\$0	\$0	\$0	\$0	\$77	\$0	\$0	FY14	\$21	\$2,136
Medium	3	MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0	1	0	FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$1,563	FY15	\$22	\$947
Low	5	MRSPP-3	2	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$763	FY10-Comp. IRP		\$5,404
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,196
Not Required	3	MRSPP-5	2	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY 2020						Total	\$2,466	\$3,874	\$1,310	\$1,845	\$562	\$0	\$2,326	\$0	FY10-Complete		\$16,600
Total IRP Sites	12	MRSPP-6	0	Total MRSs	7																		

<p>IRP Progress in FY09: Completed Draft Community Relations Plan. Completed Pre-Draft SI report for IR Sites 32 & 34. Awarded and completed pre-draft RI Work Plan for IR Site 27.</p> <p>IRP Progress Planned for FY10-FY11: Complete Community Relations Plan. Finalize the SI report for IR Sites 32 & 34. Complete Work Plan for IR Site 27 and complete field work.</p>	<p>MMRP Progress in FY09: Completed Pre-Draft SI Report for MRP Sites UXO 1, 2, 3, 4, 6 & 7. Awarded TCRA and completed Pre-Draft Action Memorandum, Draft APP, Site Safety and Health Plan, and Draft Explosive Safety Submission for MRP Site UXO 5.</p> <p>MMRP Progress Planned for FY10-FY11: Finalize SI Report for MRP Sites UXO 1, 2, 3, 4, 6 & 7. Finalize the Action Memorandum, SAP, ESS and perform TCRA action at MRP Site UXO 5.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**			Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed				Underway				Future				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP														IRP	MMRP	IRP

California

NAVY - PORT HUENEME NCBC / CA917002332300 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	11	0	17	2	1	0	FUND	FUND	\$43,958	\$386	\$2,094	\$0	\$290	\$0	\$2,214	\$0	FY12	\$4,745	\$148	
Response Complete	7	Response Complete	0	IRA	3(5)	0(0)	1(1)	0(0)			FUND	FUND	\$10,216	\$0	\$308	\$0	\$0	\$0	\$0	\$0	FY13	\$2,394	\$0	
High	4	MRSPP-1	0	MRSPP-7	0	0	0	0	1	0	FUND	FUND	\$244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,473	\$0	
Medium	7	MRSPP-2	0	MRSPP-8	2	RA-C	4	0	3	0	10	2	FUND	FUND	\$5,897	\$0	\$301	\$0	\$0	\$0	FY15	\$1,530	\$0	
Low	7	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	1	0	2	0			\$985	\$0	\$189	\$0	\$265	\$0	\$358	\$0	FY10-Comp. IRP	\$19,462
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	12	0			\$112	\$0	\$112	\$0	\$114	\$0	\$116	\$0	FY10-Comp. MMRP	\$1,311
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2016					Total		\$61,412	\$386	\$3,004	\$0	\$669	\$0	\$3,734	\$0	FY10-Complete	\$20,773		
Total IRP Sites	29	MRSPP-6	0	Total MRSs	2																			

<p>IRP Progress in FY09: Continued the ongoing o&m for UST 02 and the IRP Site 14 landfill. Collected additional groundwater and ecological samples for all of the IRP Sites. PP/ROD for IRP Sites 4/9/14/20.</p> <p>IRP Progress Planned for FY10-FY11: Continue O&M at UST 02 and IRP Site 14; complete RI; FS, PP& DD for multiple IRP Sites 4,5,6,8,10,11,12a,15 & 21.</p>	<p>MMRP Progress in FY09: Final PA was completed in January 2006. SI Work Plan under DTSC review.</p> <p>MMRP Progress Planned for FY10-FY11: SI work plan and safety documents are final. Field work scheduled for December 2009. Decision Documents to follow.</p>
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NAVY - SAN CLEMENTE ISLAND NALF / CA917002753000

IRP Sites and MRSs by Classification				Study	8	1	9	0	1	0			\$13,827	\$0	\$818	\$0	\$310	\$0	\$1,059	\$0	FY12	\$2,274	\$0	
Response Complete	7	Response Complete	1	IRA	3(3)	0(0)	0(0)	0(0)					\$753	\$0	\$753	\$0	\$361	\$0	\$2,962	\$0	FY13	\$471	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	1	0	0	4	0			\$0	\$0	\$0	\$0	\$0	\$79	\$0	FY14	\$3,763	\$0
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	0	1	0	0	4	0			\$287	\$0	\$0	\$0	\$0	\$1,140	\$0	FY15	\$1,885	\$0
Low	4	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$14,942	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	1	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2018 MRS Final RC: FY 2007					Total		\$14,867	\$0	\$1,571	\$0	\$671	\$0	\$5,240	\$0	FY10-Complete	\$14,942		
Total IRP Sites	18	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: Submitted Final SI/SA report for IR Sites 1,2,4,7A,10E,11,12,13, and 17. Received NFA for IR sites 7B,8, 9, and 16. Completed TCRA at Site 2. Prepared work plan for extended Site Inspection at IR Sites 1, 4, 7A, 11, 12, and 13.</p> <p>IRP Progress Planned for FY10-FY11: Implement work plan for extended Site Inspection at IR Sites 1, 4, 7A, 11, 12, and 13.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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NAVY - SAN DIEGO NS / CA917002428900 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	14	1	9	1	1	0	REG	REG	\$46,732	\$1,341	\$1,642	\$1,195	\$1,007	\$400	\$1,052	\$0	FY12	\$5,504	\$0		
Response Complete	12	Response Complete	0	IRA	5(7)	0(0)	0(0)	0(0)			REG	REG	\$60,939	\$0	\$0	\$0	\$0	\$0	\$3,105	\$0	FY13	\$932	\$273		
High	10	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	0	FUND	FUND	\$235	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,535	\$278	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	3	1	FUND	FUND	\$1,178	\$0	\$0	\$0	\$2,589	\$0	\$787	\$0	FY15	\$13,090	\$525
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	4	0	1	0	0	0			\$1,180	\$0	\$47	\$0	\$54	\$0	\$30	\$0	FY10-Comp. IRP	\$43,524	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	1	8	1			\$62	\$245	\$0	\$245	\$0	\$0	\$264	\$0	FY10-Comp. MMRP	\$13,440	
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2036 MRS Final RC: FY 2021					Total		\$110,326	\$1,586	\$1,689	\$1,440	\$3,650	\$400	\$4,974	\$264	FY10-Complete	\$56,964			
Total IRP Sites	24	MRSPP-6	0	Total MRSs	2																				

<p>IRP Progress in FY09: Continued Remedial Investigation/Feasibility Studies (RI/FS) on IRP Site 1, 2, 3, 4, 17 and 23. Completed the ESI on and acquired closure for, SWMU 3, 4, 7, 8, 10, 15, 20, 21, 23, 24, 26, 27, 28, and 29. Acquired closure on IRP Site 1 - Basins 1 and 2.</p> <p>IRP Progress Planned for FY10-FY11: Plans activities for FY 10 include issuing PP and ROD, and commencing remedial activities for at IRP Site 3. Initiating a Phase III Site Investigation for IRP Site 24, and continuing the RI/FS studies for IRP Site 1, 2, 4, 17, and 23.</p>	<p>MMRP Progress in FY09: Issued RAP/ROD for MRP Site 6 & MCNH and initiated SI on MRP Site 100.</p> <p>MMRP Progress Planned for FY10-FY11: Initiate LTM and community outreach activities at MRP Site 6 and complete MRP Site 100 SI.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

NAVY - SEAL BEACH NWS / CA917002449100 / RAB

IRP Sites and MRSs by Classification				Study	77	3	1	3	1	0	REG	REG	\$38,842	\$1,053	\$128	\$0	\$343	\$0	\$0	\$0	FY12	\$1,603	\$1,665	
Response Complete	56	Response Complete	0	IRA	17(18)	0(0)	0(0)	0(0)			REG	REG	\$16,608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,015	\$628	
High	1	MRSPP-1	0	MRSPP-7	1	Design	2	0	0	0	1	FUND	FUND	\$2,908	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$819	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	1	0	1	FUND	FUND	\$7,416	\$0	\$0	\$0	\$155	\$0	\$525	\$0	FY15	\$7,992	\$0
Low	1	MRSPP-3	0	Evaluation Pending	3	RA-O	2	0	1	0	0			\$11,185	\$0	\$2,570	\$0	\$953	\$0	\$812	\$0	FY10-Comp. IRP	\$27,902	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	1	0	2	0		\$2,067	\$0	\$0	\$0	\$361	\$0	\$170	\$0	FY10-Comp. MMRP	\$9,171	
Not Required	20	MRSPP-5	2	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2019						Total	\$79,026	\$1,053	\$2,698	\$0	\$1,812	\$0	\$1,507	\$0	FY10-Complete	\$37,073		
Total IRP Sites	79	MRSPP-6	0	Total MRSs	6	Five-Year Review Planned for Future																		

IRP Progress in FY09: Completed bio-remedial optimization/RA-O. Completed RA-C and implemented RAO for Site 70. Continued LTM at Site 7. Completed phase 1 site investigation at UST 007.	MMRP Progress in FY09: Awarded Site Inspection for MRP Sites UXO 1, 2, 6, AOC1 and AOC2.
IRP Progress Planned for FY10-FY11: Begin LTM at Site 40. Continue RA-O at Site 70. Initiate FS/ROD at Site 74. Continue LTM at Site 7. Complete additional investigation to close out UST 007. Start groundwater investigation at Site 75 (Ag. Well)	MMRP Progress Planned for FY10-FY11: Complete Site Inspection for UXOs 1, 2, 6, AOC1 and AOC2.

NAVY - TREASURE ISLAND NS / CA917002333000 / BRAC 1993 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	26	0	9	0	0	0			\$44,036	\$0	\$1,752	\$0	\$2,353	\$0	\$275	\$0	FY12	\$921	\$0	
Response Complete	22	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$67,169	\$0	\$9,200	\$0	\$2,606	\$0	\$3,760	\$0	FY13	\$139	\$0	
High	6	MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	6	0		\$3,293	\$0	\$0	\$0	\$181	\$0	\$592	\$0	FY14	\$386	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	5	0	5	0		\$36,741	\$0	\$0	\$0	\$4,190	\$0	\$1,011	\$0	FY15	\$82	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	0	0	2	0		\$461	\$0	\$0	\$0	\$0	\$0	\$161	\$0	FY10-Comp. IRP	\$30,827	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	2	0	11	0		\$1,634	\$0	\$0	\$0	\$27	\$0	\$370	\$0	FY10-Comp. MMRP	\$0	
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2032 MRS Final RC: FY -						Total	\$153,334	\$0	\$10,952	\$0	\$9,357	\$0	\$6,169	\$0	FY10-Complete	\$30,827		
Total IRP Sites	35	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																		

IRP Progress in FY09: Refer to Page D-182.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-182.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - TREASURE ISLAND NS HUNTERS PT ANNEX / CA917002278400 / NPL / BRAC 1991 / RAB

IRP Sites and MRSs by Classification				Study	64	0	6	0	0	0			\$177,986	\$0	\$14,027	\$0	\$4,820	\$0	\$350	\$0	FY12	\$40,066	\$0	
Response Complete	62	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$260,329	\$0	\$55,714	\$0	\$38,988	\$0	\$17,651	\$0	FY13	\$39,566	\$0	
High	4	MRSPP-1	0	MRSPP-7	0	Design	9	0	4	0	2	0		\$11,376	\$0	\$1,944	\$0	\$1,125	\$0	\$2,739	\$0	FY14	\$42,616	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	6	0	1	0		\$125,831	\$0	\$4,774	\$0	\$30,183	\$0	\$20,915	\$0	FY15	\$38,616	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$531,615	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	3	0	3	0		\$18,716	\$0	\$0	\$0	\$0	\$0	\$110	\$0	FY10-Comp. MMRP	\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2042 MRS Final RC: FY -						Total	\$594,611	\$0	\$76,459	\$0	\$75,116	\$0	\$41,765	\$0	FY10-Complete	\$531,615		
Total IRP Sites	70	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																		

IRP Progress in FY09: Refer to Page D-92.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-92.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

NAVY - TUSTIN MCAS / CA917302478300 / BRAC 1991/1995 / RAB / C-TECH

IRP Sites and MRSs by Classification										Study	11	0	1	0	0	0	FUND		\$19,519	\$0	\$348	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$962	\$0	
Response Complete	6	Response Complete	0							IRA	0(0)	0(0)	0(0)	0(0)				FUND		\$27,602	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$898	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	2	0	0	0	0				FUND		\$2,925	\$0	\$340	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$997	\$0	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	2	0	0	0	0				FUND		\$13,839	\$0	\$1,348	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$922	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	2	0	0						\$5,585	\$0	\$112	\$0	\$1,000	\$0	\$1,004	\$0	FY10-Comp. IRP		\$15,494		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	0						\$549	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0		
Not Required	4	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2042 MRS Final RC: FY -						Total	\$70,019	\$0	\$2,148	\$0	\$1,000	\$0	\$1,004	\$0	FY10-Complete			\$15,494							
Total IRP Sites	12	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																									

<p>IRP Progress in FY09: Refer to Page D-185.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-185.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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AIR FORCE - AIR FORCE PLANT 42 / CA957172462700 / RAB / C-EST

IRP Sites and MRSs by Classification										Study	0	0	31	1	0	0			\$11,169	\$0	\$69	\$0	\$1,822	\$0	\$0	\$0	FY12	\$1,027	\$0	
Response Complete	0	Response Complete	0							IRA	2(2)	1(1)	3(4)	0(0)					\$3,381	\$0	\$513	\$0	\$24	\$0	\$0	\$0	\$0	FY13	\$1,155	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	0	0						\$396	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$575	\$0
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2	0	0						\$1,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$572	\$0
Low	23	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0	0						\$595	\$0	\$595	\$0	\$1,421	\$0	\$612	\$0	FY10-Comp. IRP		\$11,791	
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	29	0	0						\$0	\$0	\$0	\$0	\$383	\$0	\$120	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2011						Total	\$16,781	\$0	\$1,177	\$0	\$3,650	\$0	\$732	\$0	FY10-Complete			\$11,791						
Total IRP Sites	31	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																								

<p>IRP Progress in FY09: Completed the soil remedial investigations for OU-1,OU-2,OU-3 OU-4 and OU-5. The Draft RI report is completed and includes OU-1, OU-2, OU-3, OU-4 and OU-5. Site 27 and Area of Concern 1 Removal Action are nearly completed. Peer Review Site 29.</p> <p>IRP Progress Planned for FY10-FY11: Complete the Feasibility Study and Decision Documents for OU-1,OU-2, OU-3 OU-4 and OU-5. Complete the RD and RA-C for Site 29. Complete RA at Sites 4 & 6.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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AIR FORCE - BEALE AIR FORCE BASE / CA957212450800 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification										Study	38	2	3	61	14	0			\$41,321	\$3,010	\$686	\$0	\$0	\$29,048	\$0	\$14,415	FY12	\$3,879	\$32,354	
Response Complete	20	Response Complete	2							IRA	25(37)	0(0)	6(6)	0(0)					\$43,680	\$0	\$0	\$0	\$2,967	\$0	\$0	\$0	\$0	FY13	\$4,947	\$33,857
High	0	MRSPP-1	0	MRSPP-7	5	Design	9	0	4	0	0	61							\$6,315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,009	\$28,704
Medium	6	MRSPP-2	0	MRSPP-8	20	RA-C	13	0	4	0	1	61							\$32,336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,024	\$5,616
Low	3	MRSPP-3	2	Evaluation Pending	8	RA-O	3	0	12	0	5	0							\$16,072	\$0	\$249	\$0	\$3,903	\$0	\$494	\$0	FY10-Comp. IRP		\$28,447	
Not Evaluated	14	MRSPP-4	7	No Known/Suspected	0	LTM	3	0	0	0	3	61							\$5,381	\$0	\$506	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$168,112	
Not Required	12	MRSPP-5	19	No Longer Required	2	IRP Final RC: FY 2033 MRS Final RC: FY 2014						Total	\$145,105	\$3,010	\$1,441	\$0	\$6,870	\$29,048	\$494	\$14,415	FY10-Complete			\$196,559						
Total IRP Sites	55	MRSPP-6	0	Total MRSs	63																									

<p>IRP Progress in FY09: 2005 - Continued Progress - with projects above Out-of-cycle Awards (1 project) IRA-C at 1 site</p> <p>IRP Progress Planned for FY10-FY11: 2006-2007 - Planned Progress - RA-O at 3 sites IRA-O at 13 sites RA-C at 3 sites IRA-C at 1 site RD at 3 sites RI/FS at 1 site and PP/ROD at 1 site.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

AIR FORCE - CASTLE AFB / CA957002455100 / NPL / BRAC 1991 / RAB

IRP Sites and MRSs by Classification										Study	261	1	0	0	0	0			\$35,316	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$70	\$0				
Response Complete	251	Response Complete	1			IRA	129(190)	0(0)	0(0)	0(0)										\$16,002	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$949	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	0								\$23,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$806	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	0	0								\$35,319	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$713	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	45	0	10	0	0	0								\$57,183	\$0	\$4,082	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,333			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	31	0	6	0	0	0								\$5,647	\$0	\$523	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0			
Not Required	10	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2044 MRS Final RC: FY 2008						Total	\$172,526	\$0	\$4,605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,333			
Total IRP Sites	261	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																											

IRP Progress in FY09: Refer to Page D-36.

IRP Progress Planned for FY10-FY11: Refer to Page D-36.

MMRP Progress in FY09: Refer to Page D-36.

MMRP Progress Planned for FY10-FY11: Refer to Page D-36.

AIR FORCE - EDWARDS AIR FORCE BASE / CA957172450400 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification										Study	235	0	25	6	7	6			\$148,922	\$10,033	\$6,889	\$7,565	\$2,331	\$0	\$0	\$0	FY12	\$31,070	\$0				
Response Complete	202	Response Complete	0			IRA	94(140)	0(0)	42(45)	0(0)										\$127,682	\$0	\$22,128	\$0	\$30,394	\$0	\$9,232	\$0	FY13	\$29,268	\$13,226			
High	0	MRSPP-1	0	MRSPP-7	3	Design	6	0	8	0	12	0								\$9,059	\$0	\$75	\$0	\$2,665	\$0	\$494	\$0	FY14	\$19,146	\$83,596			
Medium	14	MRSPP-2	0	MRSPP-8	0	RA-C	34	0	9	0	15	12								\$20,313	\$0	\$1,798	\$0	\$10,331	\$0	\$63,972	\$0	FY15	\$18,092	\$187,641			
Low	35	MRSPP-3	3	Evaluation Pending	3	RA-O	16	0	9	0	39	6								\$53,845	\$0	\$2,943	\$0	\$13,377	\$0	\$11,227	\$0	FY10-Comp. IRP		\$397,895			
Not Evaluated	7	MRSPP-4	1	No Known/Suspected	0	LTM	2	0	1	0	32	12								\$7,403	\$0	\$1,410	\$0	\$524	\$0	\$1,058	\$0	FY10-Comp. MMRP		\$495,958			
Not Required	9	MRSPP-5	1	No Longer Required	0	IRP Final RC: FY 2043 MRS Final RC: FY 2024						Total	\$367,224	\$10,033	\$35,243	\$7,565	\$59,622	\$0	\$85,983	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$893,853			
Total IRP Sites	267	MRSPP-6	1	Total MRSs	12	Five-Year Review Planned for Future																											

IRP Progress in FY09: Refer to Page D-53.

IRP Progress Planned for FY10-FY11: Refer to Page D-53.

MMRP Progress in FY09: Refer to Page D-53.

MMRP Progress Planned for FY10-FY11: Refer to Page D-53.

AIR FORCE - GEORGE AFB / CA957002445300 / NPL / BRAC 1988 / RAB / C-EST

IRP Sites and MRSs by Classification										Study	66	5	11	3	0	0			\$24,583	\$0	\$2,361	\$0	\$697	\$46	\$0	\$216	FY12	\$1,715	\$0			
Response Complete	62	Response Complete	2			IRA	30(32)	0(0)	7(8)	0(0)										\$24,736	\$0	\$1,093	\$0	\$755	\$0	\$230	\$0	FY13	\$1,513	\$0		
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	0								\$1,644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,326	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	0								\$32,277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,447	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	1	0	4	0	7	0								\$29,951	\$0	\$4,150	\$0	\$2,539	\$0	\$2,897	\$0	FY10-Comp. IRP		\$33,857		
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	16	0	10	0								\$7,552	\$0	\$387	\$0	\$263	\$0	\$1,231	\$0	FY10-Comp. MMRP		\$262		
Not Required	4	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2038 MRS Final RC: FY 2011						Total	\$120,743	\$0	\$7,991	\$0	\$4,254	\$46	\$4,358	\$216	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$34,119		
Total IRP Sites	77	MRSPP-6	0	Total MRSs	8	Five-Year Review Completed and Planned for Future																										

IRP Progress in FY09: Refer to Page D-84.

IRP Progress Planned for FY10-FY11: Refer to Page D-84.

MMRP Progress in FY09: Refer to Page D-84.

MMRP Progress Planned for FY10-FY11: Refer to Page D-84.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria **Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)																		

California

AIR FORCE - MARCH AIR FORCE BASE / CA957212452700 / NPL / BRAC 1993/2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	48	3	0	0	2	0			\$12,007	\$0	\$91	\$0	\$0	\$0	\$0	\$0	FY12	\$5,042	\$0
Response Complete	39	Response Complete	3	IRA	0(0)	0(0)	0(0)	0(0)					\$31,041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,517	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$1,742	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,587	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0			\$87,013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,606	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0			\$20,289	\$0	\$2,564	\$0	\$1,262	\$0	\$4,034	\$0	FY10-Comp. IRP		\$31,573
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0			\$5,141	\$0	\$109	\$0	\$1,291	\$0	\$1,281	\$0	FY10-Comp. MMRP		\$0
Not Required	8	MRSPP-5	0	No Longer Required	3	IRP Final RC: FY 2021 MRS Final RC: FY 1999					Total	\$157,233	\$0	\$2,764	\$0	\$2,553	\$0	\$5,315	\$0	FY10-Complete		\$31,573	
Total IRP Sites	50	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-112.	MMRP Progress in FY09: Refer to Page D-112.
IRP Progress Planned for FY10-FY11: Refer to Page D-112.	MMRP Progress Planned for FY10-FY11: Refer to Page D-112.

AIR FORCE - MATHER AFB / CA957002474300 / NPL / BRAC 1988 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	89	4	0	0	0	0			\$58,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	74	Response Complete	4	IRA	44(52)	0(0)	0(0)	0(0)					\$5,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	28	0	0	0	0		\$9,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	29	0	0	0	0		\$49,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,407	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	15	0	0		\$77,682	\$0	\$5,794	\$0	\$20,395	\$0	\$0	\$0	FY10-Comp. IRP		\$69,168
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	3	0	2		\$3,514	\$0	\$0	\$0	\$306	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	15	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2067 MRS Final RC: FY 2009					Total	\$204,397	\$0	\$5,794	\$0	\$20,701	\$0	\$0	\$0	\$0	FY10-Complete		\$69,168
Total IRP Sites	89	MRSPP-6	0	Total MRSs	4	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-116.	MMRP Progress in FY09: Refer to Page D-116.
IRP Progress Planned for FY10-FY11: Refer to Page D-116.	MMRP Progress Planned for FY10-FY11: Refer to Page D-116.

AIR FORCE - MCCLELLAN AFB / CA957172433700 / NPL / BRAC 1995 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	53	0	271	2	0	0			\$297,876	\$1,340	\$7,192	\$475	\$9,655	\$0	\$3,249	\$0	FY12	\$79,597	\$0
Response Complete	41	Response Complete	0	IRA	170(354)	0(0)	193(193)	0(0)					\$129,908	\$0	\$1,366	\$0	\$3,917	\$0	\$2,223	\$0	FY13	\$92,099	\$0
High	86	MRSPP-1	0	MRSPP-7	0	Design	0	0	9	0	272		\$54,899	\$0	\$0	\$0	\$4,716	\$0	\$12,241	\$0	FY14	\$97,992	\$0
Medium	41	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	282		\$77,175	\$0	\$709	\$0	\$532	\$0	\$8,703	\$0	FY15	\$98,320	\$0
Low	19	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	1	0	2	1	\$59,619	\$0	\$727	\$0	\$361	\$0	\$107	\$2,221	FY10-Comp. IRP		\$442,136
Not Evaluated	136	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	5	0	152		\$1,420	\$0	\$293	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$2,221
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2066 MRS Final RC: FY 2012					Total	\$620,897	\$1,340	\$10,287	\$475	\$19,181	\$0	\$26,523	\$2,221	FY10-Complete		\$444,357	
Total IRP Sites	324	MRSPP-6	0	Total MRSs	2	Five-Year Review Underway and Planned for Future																	

IRP Progress in FY09: Refer to Page D-118.	MMRP Progress in FY09: Refer to Page D-118.
IRP Progress Planned for FY10-FY11: Refer to Page D-118.	MMRP Progress Planned for FY10-FY11: Refer to Page D-118.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed				Underway				Future				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP														IRP	MMRP

California

AIR FORCE - TRAVIS AIR FORCE BASE / CA957182457500 / NPL / RAB / C-EST

IRP Sites and MRSs by Classification				Study	42	0	0	1	6	1			\$39,539	\$451	\$0	\$0	\$0	\$928	\$0	\$415	FY12	\$0	\$920
Response Complete	19	Response Complete	0	IRA	25(45)	0(0)	22(25)	0(0)				\$37,102	\$0	\$4,574	\$0	\$0	\$0	\$0	\$0	FY13	\$2,245	\$894	
High	0	MRSPP-1	0	MRSPP-7	0	Design	16	0	3	0	0	1	REG	\$10,592	\$0	\$0	\$0	\$0	\$0	FY14	\$1,431	\$736	
Medium	12	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	18	0	3	2	REG	\$20,959	\$0	\$833	\$0	\$1,216	\$0	FY15	\$1,500	\$145	
Low	11	MRSPP-3	0	Evaluation Pending	2	RA-O	1	0	0	0	22	0		\$3,132	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$35,543	
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	22	2		\$2,226	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$4,621	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2036 MRS Final RC: FY 2014						Total	\$113,550	\$451	\$5,407	\$0	\$1,216	\$928	\$2,237	\$415	FY10-Complete		\$40,164
Total IRP Sites	48	MRSPP-6	0	Total MRSs	2	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-181.	MMRP Progress in FY09:	Refer to Page D-181.
IRP Progress Planned for FY10-FY11:	Refer to Page D-181.	MMRP Progress Planned for FY10-FY11:	Refer to Page D-181.

AIR FORCE - VANDENBERG AIR FORCE BASE / CA957112514900 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	219	0	12	19	230	0	REG		\$121,969	\$6,357	\$12,898	\$75	\$7,646	\$727	\$2,166	\$2,438	FY12	\$17,680	\$5,767	
Response Complete	210	Response Complete	0	IRA	51(65)	0(0)	11(17)	9(9)			REG	\$48,554	\$31,423	\$847	\$27,574	\$0	\$17,637	\$8,683	\$0	FY13	\$4,313	\$5,737		
High	2	MRSPP-1	0	MRSPP-7	1	Design	3	0	7	0	2	0	REG	\$5,697	\$0	\$0	\$0	\$0	\$803	\$0	FY14	\$2,368	\$17,682	
Medium	17	MRSPP-2	0	MRSPP-8	8	RA-C	26	0	6	0	5	9	REG	\$7,497	\$0	\$315	\$0	\$0	\$0	\$7,846	\$0	FY15	\$2,096	\$1,932
Low	1	MRSPP-3	5	Evaluation Pending	0	RA-O	0	0	1	0	13	0		\$3,044	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$79,337	
Not Evaluated	230	MRSPP-4	2	No Known/Suspected	0	LTM	0	0	1	0	20	9		\$2,904	\$0	\$2,575	\$0	\$479	\$0	\$0	FY10-Comp. MMRP		\$58,749	
Not Required	1	MRSPP-5	3	No Longer Required	0	IRP Final RC: FY 2037 MRS Final RC: FY 2026						Total	\$189,665	\$37,780	\$16,635	\$27,649	\$8,125	\$18,364	\$19,498	\$2,438	FY10-Complete		\$138,086	
Total IRP Sites	461	MRSPP-6	0	Total MRSs	19	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09:	Achieved RIP at three sites. Achieved SC at one site. Closed 24 AOCs and 5 AOIs associated with Site RW144. Negotiated second option year of multi-year PBC for 14 of 25 open sites.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	For Fys 2009 and 2010, Vandenberg AFB will continue performance based remediation at 14 sites. Negotiation of cleanup goals for all 25 active sites will be continue collaboratively with the state in order to expedite the ROD process.	MMRP Progress Planned for FY10-FY11:	No actions planned.

DEFENSE LOGISTICS AGENCY - DD SAN JOAQUIN, SHARPE FACILITY / CA997152083200 / NPL

IRP Sites and MRSs by Classification				Study	152	0	0	0	0	0		\$10,106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$976	\$0	
Response Complete	143	Response Complete	0	IRA	12(21)	0(0)	0(0)	0(0)				\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,661	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	43	0	1	0	0	0		\$2,903	\$0	\$124	\$0	\$0	\$0	\$0	FY14	\$1,304	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	43	0	0	0	1	0		\$26,039	\$0	\$172	\$0	\$0	\$0	\$0	FY15	\$1,120	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	11	0	8	0	1	0		\$38,884	\$0	\$2,075	\$0	\$1,884	\$0	\$1,595	\$0	FY10-Comp. IRP		\$87,942
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	0	0	8	0		\$364	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	8	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2047 MRS Final RC: FY -						Total	\$78,496	\$0	\$2,371	\$0	\$1,884	\$0	\$1,595	\$0	FY10-Complete		\$87,942	
Total IRP Sites	152	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09:	Refer to Page D-45.	MMRP Progress in FY09:	No MMRP sites identified.
IRP Progress Planned for FY10-FY11:	Refer to Page D-45.	MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																									
Phase		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)							
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP					
		Sites (Actions)																		IRP	MMRP	IRP	MMRP	IRP	MMRP
California																									
DEFENSE LOGISTICS AGENCY - DD SAN JOAQUIN, TRACY FACILITY / CA997150682700 / NPL																									
IRP Sites and MRSs by Classification																									
Response Complete	70	Response Complete	0	Study	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FY12	\$1,486	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FY13	\$875	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	36	0	1	0	0	0	0	0	0	0	0	0	0	0	0	FY14	\$829	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	9	0	3	0	0	0	0	0	0	0	0	0	0	0	0	FY15	\$840	\$0	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	14	0	1	0	8	0	0	0	0	0	0	0	0	0	0	FY10-Comp. IRP	\$16,205	\$0	
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY -						Total	\$104,532	\$0	\$1,605	\$0	\$2,021	\$0	\$1,618	\$0	\$0	\$0	FY10-Complete	\$16,205	\$0
Total IRP Sites	74	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																			
IRP Progress in FY09: Refer to Page D-46.											MMRP Progress in FY09: No MMRP sites identified.														
IRP Progress Planned for FY10-FY11: Refer to Page D-46.											MMRP Progress Planned for FY10-FY11: No MMRP sites identified.														
FORMERLY USED DEFENSE SITES - BORDER FIELD STATE PARK / CA99799F813400																									
IRP Sites and MRSs by Classification																									
Response Complete	0	Response Complete	0	Study	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	FY10-Comp. IRP	\$0	\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2031						Total	\$0	\$252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$10,232	\$0
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized December 17, 2007.														
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SI's are completed.														
FORMERLY USED DEFENSE SITES - BORREGO SPRINGS / CA99799F774300																									
IRP Sites and MRSs by Classification																									
Response Complete	0	Response Complete	0	Study	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	FY12	\$0	\$50	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	FY13	\$0	\$958	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	FY14	\$0	\$958	
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	FY10-Comp. IRP	\$0	\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2092						Total	\$0	\$2,329	\$0	\$521	\$0	\$183	\$0	\$32	\$0	\$0	FY10-Comp. MMRP	\$60,599	\$0
Total IRP Sites	0	MRSPP-6	0	Total MRSs	6																				
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: Site Inspection (SI) was started at MMRP projects 1,2,3,5,and 6. Remedial Investigation/Feasibility Study (RI/FS) at Project 04 was ongoing.														
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: Progress Planned For Next Two Fiscal Years MMRP Site Inspection (SI) will be completed at MMRP projects 1,2,3,5,and 6. Remedial Investigation/Feasibility Study (RI/FS) at Project 04 will be completed.														

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

FORMERLY USED DEFENSE SITES - CADIZ LAKE A TO G GUNNERY RGE / CA99799F537800

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$161	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$37,600	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2097					Total	\$0	\$161	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$37,600	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized September 25, 2008. No work anticipated for next two years until Baseline MMRP SI's are completed.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SI's are completed.

FORMERLY USED DEFENSE SITES - CAMP CALLAN / CA99799F539400 / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$11	\$206	\$0	\$206	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,606	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2004 MRS Final RC: FY 2025					Total	\$19	\$206	\$0	\$206	\$0	\$20	\$0	\$0	FY10-Complete		\$11,606	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: MMRP Site Inspection Contract award Septemeber 2009.

MMRP Progress Planned for FY10-FY11: MMRP Site Inspection Contract award FY09 with associated TPP, SSWP, field work and Final SI Report to follow.

FORMERLY USED DEFENSE SITES - CAMP COXCOMB / CA99799F539600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$197	\$0	\$197	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,450	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2095					Total	\$0	\$197	\$0	\$197	\$0	\$20	\$0	\$0	FY10-Complete		\$15,450	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP SI progress.

MMRP Progress Planned for FY10-FY11: MMRP Site Inspection real estate startup scheduled for FY10. Contract award 1Q09, with TPP, Workplan and scheduled fieldwork to follow.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

FORMERLY USED DEFENSE SITES - CAMP ELLIOT / CA99799F527500

IRP Sites and MRSs by Classification				Study	0	2	0	2	0	0			\$0	\$2,243	\$0	\$13	\$0	\$63	\$0	\$0	FY12	\$0	\$3,200
Response Complete	0	Response Complete	2	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$1,828	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$3,277
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	2	0	0	1		\$0	\$296	\$0	\$0	\$0	\$50	\$0	\$0	FY14	\$0	\$2,503
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	2	0	1	1		\$0	\$5,688	\$0	\$59	\$0	\$1,200	\$0	\$5,000	FY15	\$0	\$3,003
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	2	2		\$0	\$2,480	\$0	\$59	\$0	\$235	\$0	\$0	FY10-Comp. MMRP		\$39,880
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY - MRS Final RC: FY 2021						Total	\$0	\$12,535	\$0	\$131	\$0	\$1,548	\$0	\$5,000	FY10-Complete		\$39,880
Total IRP Sites	0	MRSPP-6	0	Total MRSs	4																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Tierra Santa: Prepared and Reviewed Draft and Final Recurring report. Mission Trails: Prepared and Reviewed Draft and Final Recurring report. East Elliott: Started mini RI/FS phase. Areas G, H, and D: RI/FS report almost completed.

MMRP Progress Planned for FY10-FY11: Finish 2nd Recurring Review phase. Start 3rd Recurring review Phase. Mission Trails: Finish 2nd Recurring Review phase. Start 3rd Recurring review Phase. East Elliott: Complete mini RI/FS phase and continue work on clearance of 110 acres. Areas G, H, and D: Finish RI/FS Phase. Start RA-C phase.

FORMERLY USED DEFENSE SITES - CAMP ESSEX / CA99799F539900

IRP Sites and MRSs by Classification				Study	0	0	0	2	0	0			\$0	\$321	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$25,470
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2172						Total	\$0	\$321	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$25,470
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: 01 Project MMRP Site Inspection Report Completed/Finalized September 19, 2007. 02 Project MMRP Site Inspection Report Completed/Finalized August 21, 2007.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SI's are completed.

FORMERLY USED DEFENSE SITES - CAMP HAAN / CA99799F540000 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	0	0	1	1	0	0			\$4,648	\$120	\$1,506	\$120	\$70	\$5	\$0	\$132	FY12	\$3,388	\$15
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,850	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$262	\$0	FY14	\$1,342	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$309	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$15	\$0	FY10-Comp. IRP		\$9,781
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$2,090
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023 MRS Final RC: FY 2098						Total	\$4,648	\$120	\$1,506	\$120	\$70	\$5	\$277	\$132	FY10-Complete		\$11,871
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Primary regulator for the project was changed from the regional waterboard to the DTSC. RI and Baseline Risk Assessment being reworked to reflect the change in primary regulator.

IRP Progress Planned for FY10-FY11: Complete RI/FS and subsequent development of Decision Document. Formulate acquisition strategy for RAC award.

MMRP Progress in FY09: SI project awarded as part of Nationwide initiative 28 September 2009.

MMRP Progress Planned for FY10-FY11: Complete SI and realign project. Coordinate MRSPP with stakeholders.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

California

FORMERLY USED DEFENSE SITES - CAMP IRON MOUNTAIN / CA99799F224600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$130,994		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2045					Total	\$0	\$194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$130,994		
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: No work anticipated for next two years until Baseline MMRP SIs are completed.</p> <p>MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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FORMERLY USED DEFENSE SITES - CAMP LOCKETT / CA99799F979900 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$0	\$211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$137	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$19,237		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2002 MRS Final RC: FY 2038					Total	\$150	\$211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$19,237		
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: No progress reported.</p> <p>IRP Progress Planned for FY10-FY11: No actions planned.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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FORMERLY USED DEFENSE SITES - CAMP MCQUAIDE / CA99799F571000

IRP Sites and MRSs by Classification				Study	1	0	1	1	0	0			\$448	\$0	\$0	\$0	\$364	\$5	\$890	\$132	FY12	\$2,058	\$15
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$996	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	\$13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$164	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$30	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$4,813
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$9,284	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2013 MRS Final RC: FY 2145					Total	\$529	\$0	\$0	\$0	\$364	\$5	\$890	\$132	\$0	FY10-Complete	\$14,097	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No activities conducted due to lack of funding.</p> <p>IRP Progress Planned for FY10-FY11: HTRW SI is scheduled and on the workplan for 2010.</p>	<p>MMRP Progress in FY09: No activities conducted due to lack of funding.</p> <p>MMRP Progress Planned for FY10-FY11: MMRP SI is scheduled for FY10</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

FORMERLY USED DEFENSE SITES - CAMP PENDLETON- MARINE CORPS / CA99799FA06100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$132	\$0	\$20	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,888
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2226					Total	\$0	\$0	\$0	\$0	\$0	\$132	\$0	\$20	FY10-Complete		\$11,888	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09:	No IRP sites identified.	MMRP Progress in FY09:	Project not on SI baseline, MMRP SI scheduled FY2010
IRP Progress Planned for FY10-FY11:	No IRP sites identified.	MMRP Progress Planned for FY10-FY11:	MMRP Site Inspection Contract scheduled for FY2010 award with associated TPP, SSWP, field work and Final SI Report to follow..

FORMERLY USED DEFENSE SITES - CAMP SAN LUIS OBISPO / CA99799F688000 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	4	0	0	1	0	0		\$279	\$348	\$0	\$0	\$0	\$0	\$0	\$2,546	FY12	\$106	\$2,546
Response Complete	4	Response Complete	0	IRA	0(0)	0(0)	0(0)	1(1)				\$0	\$170	\$0	\$21	\$0	\$0	\$0	\$0	FY13	\$154	\$88
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$250	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$71	\$561
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$106	\$3,100
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,091
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	1		\$773	\$0	\$178	\$0	\$106	\$0	\$164	FY10-Comp. MMRP		\$26,990
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1997 MRS Final RC: FY 2022					Total	\$1,302	\$518	\$178	\$21	\$106	\$0	\$164	\$2,546	FY10-Complete		\$28,081
Total IRP Sites	4	MRSPP-6	0	Total MRSs	1																	

IRP Progress in FY09:	Site visit and ground water sampling, prepared a summary of ground water monitoring wells. Conducted well refurbishment activities at site. Perform the maintenance activities for the 10 monitoring wells reviewed well construction records prior to beginning the field assessment of well damage. Well Survey had sampling 10 gw well.	MMRP Progress in FY09:	Time Critical Removal Action (TCRA) started. Started Action Memorandum. Scope changed to include surface clearance of impact areas.
IRP Progress Planned for FY10-FY11:	Continuing monitoring well with Semi-Annual sampling.	MMRP Progress Planned for FY10-FY11:	Progress Planned For Next Two Fiscal Years Time Critical Removal Action (TCRA) will be completed. If funds are available, start Remedial Investigation/Feasibility Study (RI/FS).

FORMERLY USED DEFENSE SITES - CAMP STONEMAN / CA99799F571400 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	0	0	1	1	0	0		\$1,170	\$205	\$102	\$9	\$20	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$403	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$584
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,296
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY 2116					Total	\$1,170	\$205	\$102	\$9	\$20	\$0	\$0	\$0	FY10-Complete		\$13,880
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																	

IRP Progress in FY09:	Worked on the SI with 90% completion.	MMRP Progress in FY09:	Completion of the MMRP SI and the MRSPP.
IRP Progress Planned for FY10-FY11:	Completing the SI and programmed the RI/FS in 2014.	MMRP Progress Planned for FY10-FY11:	Site has not been sequenced so RI phase date has not been determined.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																										
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)									
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP							
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP

California

◆ **FORMERLY USED DEFENSE SITES - CAMP YOUNG (CAMA) / CA99799F541100**

IRP Sites and MRSs by Classification				Study	0	1	0	1	0	0			\$0	\$329	\$0	\$198	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,231
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2124					Total	\$0	\$329	\$0	\$198	\$0	\$20	\$0	\$0	\$0	FY10-Complete		\$18,231
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Technical Project Planning report Final completed FY2008, Site Specific Workplan May 2009.</p> <p>MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion June 2, 2010. No other work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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◆ **FORMERLY USED DEFENSE SITES - CARRIZO IMPACT AREA / CA99799F798100**

IRP Sites and MRSs by Classification				Study	0	0	0	2	0	0			\$0	\$564	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$41,283
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2182					Total	\$0	\$564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$41,283
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Project 01 and 02MMRP Site Inspection Report Completed/Finalized June 30, 2008.</p> <p>MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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◆ **FORMERLY USED DEFENSE SITES - DRAKES BAY RANGE / CA99799FA29900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$166	\$0	\$166	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,090
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2069					Total	\$0	\$166	\$0	\$166	\$0	\$20	\$0	\$0	\$0	FY10-Complete		\$18,090
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: MMRP SI was scheduled for FY 09 but will be completed in FY 2010.</p> <p>MMRP Progress Planned for FY10-FY11: MMRP SI and MRSPP will be completed in FY 2010.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

FORMERLY USED DEFENSE SITES - DRY CANYON ARTILLERY RANGE / CA99799F543100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$204	\$0	\$16	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,749
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2068					Total	\$0	\$204	\$0	\$16	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$13,749
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized March 12, 2009.</p> <p>MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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FORMERLY USED DEFENSE SITES - EL CENTRO ROCKET TARGET NO.1 (#92) / CA99799F753900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$156	\$0	\$8	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,136
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2084					Total	\$0	\$156	\$0	\$8	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,136
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized November 11, 2009.</p> <p>MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.</p>
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FORMERLY USED DEFENSE SITES - FORT BAKER / CA99799F868600 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$2,081	\$155	\$26	\$154	\$0	\$15	\$0	\$0	FY12	\$41	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$21	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	1	\$1	\$0	\$1	\$0	\$0	\$0	\$0	\$0	FY14	\$448	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	1	\$78	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$224	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,227
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	1	\$0	\$0	\$0	\$0	\$80	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,456
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2102					Total	\$2,160	\$155	\$27	\$154	\$80	\$15	\$0	\$0	\$0	FY10-Complete		\$11,683
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No work completed as NPS refused right of entry.</p> <p>IRP Progress Planned for FY10-FY11: No future HTRW actions programmed.</p>	<p>MMRP Progress in FY09: MMRP SI completed in FY 09.</p> <p>MMRP Progress Planned for FY10-FY11: MRSPP scheduled for completion in FY 2010.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																																																																																																																																																																																																					
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)																																																																																																																																																																																																				
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP																																																																																																																																																																																																		
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																																																																																																																																																																																																					
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Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$213	\$0	FY10-Comp. IRP		\$11,798																																																																																																																																																																																														
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IRP Sites and MRSs by Classification				Study	2	0	1	1	0	0																																																																																																																																																																																																											
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$2,095	\$222	\$0	\$17	\$0	\$0	\$284	\$0	FY12	\$299	\$0																																																																																																																																																																																														
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Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	3	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$400	\$0																																																																																																																																																																																														
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$51	\$0																																																																																																																																																																																														
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1	\$0	\$0	\$0	\$0	\$51	\$0	\$65	\$0	FY10-Comp. IRP		\$3,573																																																																																																																																																																																														
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IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0																																																																																																																																																																																																											
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$176	\$0	\$3	\$0	\$0	\$0	\$0	FY12	\$0	\$0																																																																																																																																																																																														
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0																																																																																																																																																																																														
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0																																																																																																																																																																																														
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0																																																																																																																																																																																														
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0																																																																																																																																																																																														
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed		Underway		Future		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	IRP	MMRP	IRP	MMRP	IRP	MMRP																IRP	MMRP	IRP	MMRP	IRP	MMRP

California

FORMERLY USED DEFENSE SITES - MADERA BOMBING RANGE / CA99799F594500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$177	\$0	\$5	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$11,270	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2125					Total	\$0	\$177	\$0	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$11,270	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP SI and MRSPP reports completed in FY 09.

MMRP Progress Planned for FY10-FY11: This site has not been sequenced so no date for the RI has been established.

FORMERLY USED DEFENSE SITES - MODOC AERIAL GUNNERY AND BOMBING RANGE / CA99799FA50300 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	0	0	1	1	0	0			\$259	\$244	\$259	\$7	\$190	\$0	\$751	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$941
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$728,168	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2012 MRS Final RC: FY 2090					Total	\$259	\$244	\$259	\$7	\$190	\$0	\$751	\$0	\$0	\$0	\$0	FY10-Complete	\$729,109	
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: HTRW SI was conducted with no follow-on actions.

IRP Progress Planned for FY10-FY11: NDAI document will be completed and sent to the State in 2010.

MMRP Progress in FY09: MMRP SI and MRSPP reports completed in FY 09.

MMRP Progress Planned for FY10-FY11: Since sequencing has not been completed for this site no date has been established for future RI.

FORMERLY USED DEFENSE SITES - MOJAVE GUNNERY RANGE / CA99799FA26200

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$2,285	\$0	\$17	\$0	\$208	\$0	\$0	\$0	\$0	FY12	\$0	\$3,950
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$3,950
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156	\$0	FY14	\$0	\$2,100
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$3,950
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$40,070	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2019					Total	\$0	\$2,285	\$0	\$17	\$0	\$208	\$0	\$156	\$0	\$0	\$0	FY10-Complete	\$40,070	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: RI/FS phase in progress.

MMRP Progress Planned for FY10-FY11: Competition of RI/FS scheduled for 2010. Start RD and RA, if funds are available.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

◆ FORMERLY USED DEFENSE SITES - NEEDLES DIVISION CAMP / CA99799F553000

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$189	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$86,170
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2172					Total	\$0	\$189	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$86,170
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized September 25, 2008. No work anticipated for next two years until Baseline MMRP SIs are completed.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

◆ FORMERLY USED DEFENSE SITES - POINT SAL ATG GUN RGE / CA99799F556700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$132	FY12	\$0	\$15
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,030
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2252					Total	\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$132	\$0	FY10-Complete		\$11,030
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No progress.

MMRP Progress Planned for FY10-FY11: MMRP Site Inspection Contract scheduled for FY2010 award with associated TPP, SSWP, field work and Final SI Report to follow.

◆ FORMERLY USED DEFENSE SITES - RICE VALLEY SAND DUNES / CA99799F525800 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$15	\$177	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	\$15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,087	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1997 MRS Final RC: FY 2095					Total	\$195	\$177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$18,087
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No work anticipated for next two years until Baseline MMRP SIs are completed.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

FORMERLY USED DEFENSE SITES - TRABUCO BOMBING RANGE / CA99799F534700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$135	\$0	\$61	\$0	\$2,689	\$0	\$59	FY12	\$0	\$50
Response Complete	0	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$1,823	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$1,746
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$2,133
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0		\$0	\$91	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$3,676
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$14,204
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2018					Total	\$0	\$2,049	\$0	\$61	\$0	\$2,689	\$0	\$59	FY10-Complete		\$14,204	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Progress During Fiscal Year: 2009 Evaluated Remedial Investigation/Feasibility Study (RI/FS) field work results.</p> <p>MMRP Progress Planned for FY10-FY11: Progress Planned For Next Two Fiscal Years Complete Remedial Investigation/Feasibility Study (RI/FS).</p>
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FORMERLY USED DEFENSE SITES - TUBBS ISLAND / CA99799FA29800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	0	0	0	1	2	0			\$0	\$183	\$0	\$10	\$0	\$0	\$171	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	2	1		\$0	\$0	\$0	\$0	\$10	\$0	\$0	\$0	FY14	\$54	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	2	1		\$0	\$0	\$0	\$0	\$0	\$109	\$0	\$0	FY15	\$943	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,715
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$54	\$0	FY10-Comp. MMRP		\$10,359
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY 2059					Total	\$0	\$183	\$0	\$10	\$10	\$0	\$334	\$0	\$0	FY10-Complete		\$12,074
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP work was conducted in FY 09.</p> <p>IRP Progress Planned for FY10-FY11: CON/HTRW project programmed for FY 10.</p>	<p>MMRP Progress in FY09: MMRP SI and MRSPP reports completed in FY 09.</p> <p>MMRP Progress Planned for FY10-FY11: Sequencing of site has not been completed so no date has been established for RI.</p>
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FORMERLY USED DEFENSE SITES - UCSD (CAMP MATTHEWS) / CA99799F599800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	0	0	0	1	1	0			\$0	\$684	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$241	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$158	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$158	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$158	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,031
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$14,466
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2017 MRS Final RC: FY 2024					Total	\$0	\$684	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$15,497
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP in Progress.</p> <p>IRP Progress Planned for FY10-FY11: No IRP Progress Planned or planned until 2012</p>	<p>MMRP Progress in FY09: No MMRP work in Progress.</p> <p>MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SI's are completed.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase		Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)			
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

California

◆ **FORMERLY USED DEFENSE SITES - VERNALIS DIVE BOMB NO. 7 / CA99799FA49900 / C-TECH / C-EST**

IRP Sites and MRSs by Classification					Study	0	0	0	1	1	0			\$0	\$132	\$0	\$132	\$0	\$15	\$103	\$0	FY12	\$453	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$88	\$0	
High	0	MRSPP-1	0	MRSPP-7	Design	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,374	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	RA-C	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$419	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$4,437	\$0	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$12,966	\$0	
Not Required	0	MRSPP-5	0	No Longer Required																				
Total IRP Sites	1	MRSPP-6	0	Total MRSs									Total	\$0	\$132	\$0	\$132	\$0	\$15	\$103	\$0	FY10-Complete	\$17,403	

IRP Progress in FY09: No progress reported

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: MMRP SI scheduled for 2009 but will be completed in FY 2010.

MMRP Progress Planned for FY10-FY11: MMRP SI and MRSPP will be completed in FY 2010.

◆ **FORMERLY USED DEFENSE SITES - WILEY WELLS WATER POINT (CAMA) / CA99799F568900**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$167	\$0	\$167	\$0	\$15	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	Design	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	RA-C	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$33,368	\$0	
Not Required	0	MRSPP-5	0	No Longer Required																				
Total IRP Sites	0	MRSPP-6	0	Total MRSs									Total	\$0	\$167	\$0	\$167	\$0	\$15	\$0	\$0	FY10-Complete	\$33,368	

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Technical Project Planning report Fianl completed FY09, Site Specific Workplan FY09.

MMRP Progress Planned for FY10-FY11: Field work scheduled for FY10. MMRP Site Inspection scheduled completion 9/14/10. No other work anticipated for next two years until Baseline MMRP SI's are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*														FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed		Underway		Future		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP	
	IRP	MMRP	IRP	MMRP	IRP	MMRP																				Sites (Actions)

Colorado

ARMY - FORT CARSON / CO821402015000 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	72	0	22	0	0	0	TECH		\$19,879	\$0	\$1,371	\$0	\$609	\$0	\$592	\$0	FY12	\$2,926	\$0	
Response Complete	69	Response Complete	0	IRA	13(23)	0(0)	0(0)	0(0)			REG		\$14,396	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,726	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	17	0	0	0	TECH	\$2,463	\$0	\$60	\$0	\$0	\$0	\$0	FY14	\$2,513	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	18	0	0	0	REG	\$26,048	\$0	\$11,617	\$0	\$2,157	\$0	\$254	\$0	FY15	\$849	\$0
Low	14	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	18	0	0	0		\$1,223	\$0	\$0	\$0	\$198	\$0	\$2,223	\$0	FY10-Comp. IRP	\$19,408	\$0
Not Evaluated	11	MRSPP-4	0	No Known/Suspected	0	LTM	11	0	7	0	6	0		\$6,360	\$0	\$249	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY -						Total	\$70,369	\$0	\$13,297	\$0	\$2,964	\$0	\$3,069	\$0	FY10-Complete	\$19,408	\$0	
Total IRP Sites	94	MRSPP-6	0	Total MRSs	0																			

<p>IRP Progress in FY09: The following documents were approved: RFI reports for solid waste management units (SWMUs) 86 and 107, NFAs for SWMUs 29, 69, 77, and 107, Remedial Completion Report for SWMU 9, Monitoring and Maintenance Plan for SWMU 23, Soil Property Testing Plan for SWMU 8, - Cover Evaluation Work Plan, and other plans. The RCRA permit was modified to require an environmental covenant for SWMUs 4 and 9. The tentative date for signing the covenant is Dec 21, 2009.</p> <p>IRP Progress Planned for FY10-FY11: Complete RFIs for SWMUs 36, 45, 168 and the FTC-023. Complete NFAs for SWMUs 30, 36, 45, 50, 51, 168, and the FTC-023 sites. CMS work will be initiated or continued for the following sites: SWMUs 2/3, SWMU 7, SWMU 8, SWMU 13, SWMU 14, SWMU 16, SWMU 24, SWMU 53, SWMU 109, SWMU 164, SWMU 167, SWMU 168. LTM for SWMU 4, SWMU 5, and SWMU 9 will continue. Monitoring and maintenance will continue on SWMUs 2/3, 7, 8, 14, and 54.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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ARMY - PUEBLO CHEMICAL DEPOT / CO821382072500 / BRAC 1988 / RAB

IRP Sites and MRSs by Classification				Study	32	2	11	12	0	0			\$33,370	\$417	\$0	\$0	\$1,068	\$84	\$123	\$309	FY12	\$11,773	\$691
Response Complete	26	Response Complete	2	IRA	8(12)	9(10)	0(0)	2(2)				\$4,150	\$119	\$0	\$24	\$0	\$44	\$0	\$22	\$0	FY13	\$2,599	\$4,276
High	10	MRSPP-1	0	MRSPP-7	0	Design	2	0	5	0	10	5	\$5,947	\$25	\$32	\$0	\$84	\$0	\$138	\$0	FY14	\$932	\$6,041
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	5	0	10	12	\$63,490	\$121	\$4,668	\$0	\$3,191	\$0	\$1,450	\$0	FY15	\$4,797	\$11,662
Low	1	MRSPP-3	0	Evaluation Pending	11	RA-O	1	0	4	0	1	0	\$28,284	\$25	\$3,291	\$0	\$3,301	\$0	\$5,692	\$0	FY10-Comp. IRP	\$57,948	\$0
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	3	1	2	0	1	2	\$4,109	\$25	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$30,255	\$0
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2023 MRS Final RC: FY 2017						Total	\$139,350	\$732	\$7,991	\$24	\$7,644	\$128	\$7,403	\$331	FY10-Complete	\$88,203	\$0
Total IRP Sites	43	MRSPP-6	0	Total MRSs	14																		

<p>IRP Progress in FY09: Refer to Page D-159.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-159.</p>	<p>MMRP Progress in FY09: Refer to Page D-159.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-159.</p>
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ARMY - ROCKY MOUNTAIN ARSENAL / CO821382076900 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	213	0	0	0	0	0			\$207,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$6,260	\$0
Response Complete	198	Response Complete	0	IRA	26(26)	0(0)	0(0)	0(0)				\$336,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,769	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	125	0	0	0	0	0	\$10,161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$5,276	\$0
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	116	0	9	0	0	0	\$941,810	\$0	\$25,344	\$0	\$574	\$0	\$0	\$0	FY15	\$4,947	\$0
Low	3	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	6	0	0	0	\$87,051	\$0	\$3,015	\$0	\$2,754	\$0	\$2,261	\$0	FY10-Comp. IRP	\$164,089	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	8	0	\$158,626	\$0	\$20,965	\$0	\$21,670	\$0	\$16,499	\$0	FY10-Comp. MMRP	\$0	\$0
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039 MRS Final RC: FY -						Total	\$1,741,187	\$0	\$49,324	\$0	\$24,998	\$0	\$18,760	\$0	FY10-Complete	\$164,089	\$0
Total IRP Sites	213	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																	

<p>IRP Progress in FY09: Refer to Page D-168.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-168.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Colorado

FORMERLY USED DEFENSE SITES - CAMP HALE / CO89799F051300

IRP Sites and MRSs by Classification				Study	1	1	0	1	0	0													
Response Complete	1	Response Complete	1	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$2,387	\$0	\$414	\$0	\$637	\$0	\$500	FY12	\$0	\$500
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$500
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$500
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$500
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 1986 MRS Final RC: FY 2032						Total	\$0	\$5,484	\$0	\$553	\$0	\$637	\$0	\$500	FY10-Complete		\$169,005
Total IRP Sites	1	MRSPP-6	0	Total MRSs	2																		

<p>IRP Progress in FY09: No IRP activities are underway in FY09. There is no indication of HTW contamination not associated with the military munitions.</p> <p>IRP Progress Planned for FY10-FY11: No IRP activities planned for FY10 or FY11.</p>	<p>MMRP Progress in FY09: Visual surveys performed over approximately 300 acres of munitions response sites of special concern to the State regulatory agency. Draft Interim Risk Management Plan was prepared in coordination with regulators and stakeholders.</p> <p>MMRP Progress Planned for FY10-FY11: Remedial Investigations will begin. Specific munitions response sites to be addressed will be dependent on funding availability.</p>
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FORMERLY USED DEFENSE SITES - PUEBLO AIR TI GROUND GUN RGE / CO89799F058200

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0														
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$173	\$0	\$6	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2036						Total	\$0	\$173	\$0	\$6	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$24,412
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: The draft Site Inspection Report with review and comments by all stakeholders, the second technical project planning meeting and the final Site Inspection Report were performed in FY09. The technical project planning meeting includes coordination with project stakeholders as well as State and Federal regulators.</p> <p>MMRP Progress Planned for FY10-FY11: The Site Inspection Report will be completed in FY10. The technical project planning meeting includes coordination with project stakeholders as well as State and Federal regulators.</p>
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FORMERLY USED DEFENSE SITES - PUEBLO PRE BOMB RGE #2 / CO89799F058600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0														
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$198	\$0	\$7	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2035						Total	\$0	\$198	\$0	\$7	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$61,757
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: The draft Site Inspection Report with review and comments by all stakeholders, the second technical project planning meeting and the final Site Inspection Report were performed in FY09. The technical project planning meeting includes coordination with project stakeholders as well as State and Federal regulators.</p> <p>MMRP Progress Planned for FY10-FY11: The Site Inspection Report will be completed in FY10. The technical project planning meeting includes coordination with project stakeholders as well as State and Federal regulators.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)															
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP													
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																
Colorado																																
FORMERLY USED DEFENSE SITES - TRINIDAD AIR TO AIR GUNNERY RGE / CO89799F058800																																
IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$3	\$0	\$3	\$0	\$0	\$0	\$140	FY12	\$0	\$10			
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)								\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$470,278			
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2056						Total	\$0	\$3	\$0	\$3	\$0	\$0	\$0	\$140	FY10-Complete	\$470,278										
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																											
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: Currently the Site Inspection for munitions is scheduled for award in FY10.																					
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: The investigation includes coordination with property owners, State and Federal regulators, inspection, sampling for munitions constituents, project prioritization, and project report. The process takes 18 - 20 months.																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																						
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						

Delaware

AIR FORCE - DOVER AIR FORCE BASE / DE357182401000 / NPL / C-EST

IRP Sites and MRSs by Classification					Study	59	0	0	0	1	0			\$25,932	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$5,399	\$0	
Response Complete	36	Response Complete	0		IRA	12(19)	0(0)	0(0)	0(0)					\$10,298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,998	\$0	
High	0	MRSPP-1	0	MRSPP-7	Design	17	0	0	0	0	0			\$4,143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,353	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	RA-C	27	0	0	0	0	0			\$18,341	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,642	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	RA-O	4	0	23	0	0	0			\$26,726	\$0	\$3,782	\$0	\$4,071	\$0	\$4,351	\$0	FY10-Comp. IRP		\$30,799	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	LTM	7	0	24	0	13	0			\$3,560	\$0	\$0	\$0	\$285	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	23	MRSPP-5	0	No Longer Required	IRP Final RC: FY 2032 MRS Final RC: FY -						Total	\$89,000	\$0	\$3,782	\$0	\$4,356	\$0	\$4,351	\$0	\$0	\$0	FY10-Complete		\$30,799	
Total IRP Sites	60	MRSPP-6	0	Total MRSs	Five-Year Review Completed and Planned for Future																				

IRP Progress in FY09: Refer to Page D-50.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-50.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - DOVER SURVIVAL TRAINING ANNEX / DE39799F135800

IRP Sites and MRSs by Classification					Study	1	0	0	1	0	0			\$520	\$204	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	Design	1	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,823
Not Required	0	MRSPP-5	0	No Longer Required	IRP Final RC: FY 1999 MRS Final RC: FY 2031						Total	\$520	\$204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,823
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: There was no progress made in FY2009 at this site. An RI/FS is programmed for FY2026. Funding limitations prevent site work prior to that time.	MMRP Progress in FY09: There was no progress made in FY2009 at this site. An RI/FS is programmed for FY2026. Funding limitations prevent site work prior to that time.
IRP Progress Planned for FY10-FY11: There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2026. Funding limitations prevent site work prior to that time.	MMRP Progress Planned for FY10-FY11: There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2026. Funding limitations prevent site work prior to that time.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

ARMY - MTC CAMP BLANDING / FL421181215600

IRP Sites and MRSs by Classification				Study	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FY12	\$709	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	1(3)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,421	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$630	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$642	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0	0	\$0	\$0	\$0	\$0	\$349	\$0	\$354	FY10-Comp. IRP		\$12,011
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2042 MRS Final RC: FY -						Total	\$803	\$0	\$803	\$0	\$470	\$0	\$697	\$0	FY10-Complete		\$12,011
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - JACKSONVILLE NAS / FL417002441200 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	75	0	5	1	0	0	REG	REG	\$30,198	\$453	\$535	\$0	\$1,761	\$0	\$480	\$716	FY12	\$831	\$141	
Response Complete	60	Response Complete	0	IRA	24(29)	0(0)	0(0)	0(0)			REG	REG	\$25,472	\$0	\$0	\$0	\$0	\$0	\$568	\$0	FY13	\$980	\$636	
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	3	0	REG	REG	\$1,816	\$0	\$0	\$0	\$41	\$0	\$0	FY14	\$1,364	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	0	0	4	0	REG	REG	\$27,100	\$0	\$0	\$0	\$0	\$160	\$0	FY15	\$626	\$0
Low	3	MRSPP-3	0	Evaluation Pending	1	RA-O	8	0	11	0	3	1			\$10,755	\$0	\$2,257	\$0	\$513	\$0	\$619	FY10-Comp. IRP		\$18,329
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	12	0	4	0	15	1			\$1,571	\$0	\$16	\$0	\$138	\$0	\$384	FY10-Comp. MMRP		\$3,318
Not Required	14	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2021						Total	\$96,912	\$453	\$2,808	\$0	\$2,453	\$0	\$2,211	\$716	FY10-Complete		\$21,647	
Total IRP Sites	80	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09: Refer to Page D-95.

IRP Progress Planned for FY10-FY11: Refer to Page D-95.

MMRP Progress in FY09: Refer to Page D-95.

MMRP Progress Planned for FY10-FY11: Refer to Page D-95.

NAVY - KEY WEST NAS / FL417002295200 / BRAC 1995 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	25	0	1	1	4	0			\$9,076	\$152	\$196	\$152	\$558	\$0	\$680	\$569	FY12	\$198	\$0
Response Complete	21	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$10,135	\$0	\$0	\$0	\$346	\$0	\$0	\$0	FY13	\$1,650	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$180	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$4,966	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$331	\$0
Low	3	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$5,939	\$0	\$426	\$0	\$0	\$0	\$142	\$0	FY10-Comp. IRP		\$9,705
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$6,227	\$0	\$590	\$0	\$56	\$0	\$60	\$0	FY10-Comp. MMRP		\$569
Not Required	4	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2022 MRS Final RC: FY 2015						Total	\$36,398	\$152	\$1,212	\$152	\$960	\$0	\$882	\$569	FY10-Complete		\$10,274
Total IRP Sites	30	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed																	

IRP Progress in FY09: BRAC: Completed fourth soil removal at the DRMO site. Additional contamination found by the city on Parcel K. Navy is investigating site. Submitted the SRCR for Trumbo Point Coast Guard Station.

IRP Progress Planned for FY10-FY11: BRAC: Complete soil investigation and soil removal at Parcel K. Continue to monitor GW at Poinciana housing. Clean out oily waste water sump at Pier D-1 of Trumbo Point Coast Guard station. Remove UST 5 and conduct soil and GW investigation.

MMRP Progress in FY09: N/A

MMRP Progress Planned for FY10-FY11: N/A

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																														
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)													
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP											
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP														
Florida																														
◆ NAVY - ORLANDO NTC / FL417002473600 / BRAC 1993 / RAB																														
IRP Sites and MRSs by Classification										Study	15	0	0	0	0	0	0	FUND	\$16,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$344	\$0	
Response Complete	12	Response Complete	0	IRA			0(0)	0(0)	0(0)	0(0)							FUND	\$5,913	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$162	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0	0	0	0	0	REG	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$254	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	0	0	0	0	0	0	0	0	REG	\$2,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$266	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	2	0	0	0	0	0	0	0		\$11,810	\$0	\$716	\$0	\$508	\$0	\$31	\$0	FY10-Comp. IRP	\$12,278	\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	3	0	0	0	0	0	0	0		\$2,582	\$0	\$274	\$0	\$1,517	\$0	\$267	\$0	FY10-Comp. MMRP	\$0	\$0		
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2028 MRS Final RC: FY -						Total	\$39,493	\$0	\$990	\$0	\$2,025	\$0	\$298	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$12,278	\$0			
Total IRP Sites	15	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																								
IRP Progress in FY09: Refer to Page D-148.										MMRP Progress in FY09: No MMRP sites identified.																				
IRP Progress Planned for FY10-FY11: Refer to Page D-148.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																				
◆ NAVY - PENSACOLA NAS / FL417002461000 / NPL / RAB																														
IRP Sites and MRSs by Classification										Study	53	0	11	1	1	0			\$46,686	\$738	\$117	\$738	\$0	\$16	\$0	\$0	\$0	FY12	\$5,879	\$505
Response Complete	30	Response Complete	0	IRA			18(21)	0(0)	0(0)	0(0)								\$6,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,603	\$506		
High	9	MRSPP-1	0	MRSPP-7	0	Design	20	0	1	0	8	1						\$1,893	\$0	\$618	\$0	\$81	\$0	\$0	\$0	FY14	\$2,937	\$0		
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	7	0	11	1						\$9,144	\$0	\$2,612	\$0	\$1,572	\$0	\$638	\$0	FY15	\$1,757	\$175		
Low	6	MRSPP-3	0	Evaluation Pending	1	RA-O	3	0	11	0	20	0						\$14,647	\$0	\$1,383	\$0	\$1,459	\$0	\$2,661	\$0	FY10-Comp. IRP	\$44,627	\$0		
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	14	0						\$1,550	\$0	\$472	\$0	\$205	\$0	\$208	\$0	FY10-Comp. MMRP	\$2,724	\$0		
Not Required	13	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2042 MRS Final RC: FY 2019						Total	\$80,339	\$738	\$5,202	\$738	\$3,317	\$16	\$3,507	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$47,351	\$0			
Total IRP Sites	65	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																								
IRP Progress in FY09: Refer to Page D-154.										MMRP Progress in FY09: Refer to Page D-154.																				
IRP Progress Planned for FY10-FY11: Refer to Page D-154.										MMRP Progress Planned for FY10-FY11: Refer to Page D-154.																				
◆ NAVY - WHITING FIELD NAS / FL417002324400 / NPL / RAB																														
IRP Sites and MRSs by Classification										Study	46	0	0	1	0	0	REG	REG	\$19,692	\$1,223	\$0	\$0	\$0	\$0	\$0	\$0	\$78	FY12	\$731	\$0
Response Complete	33	Response Complete	0	IRA			13(13)	0(0)	0(0)	0(0)								\$7,449	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$739	\$291		
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	1	0	0	0						\$531	\$0	\$190	\$0	\$0	\$0	\$0	\$0	FY14	\$756	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	0	0	1	0						\$4,825	\$0	\$0	\$0	\$492	\$0	\$0	\$0	FY15	\$762	\$0		
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	2	0	4	0	0	0						\$5,859	\$0	\$1,045	\$0	\$699	\$0	\$709	\$0	FY10-Comp. IRP	\$20,115	\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	14	0	4	0						\$162	\$0	\$12	\$0	\$10	\$0	\$16	\$0	FY10-Comp. MMRP	\$369	\$0		
Not Required	12	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2054 MRS Final RC: FY 2014						Total	\$38,518	\$1,223	\$1,247	\$0	\$1,201	\$0	\$725	\$78	\$0	\$0	\$0	\$0	FY10-Complete	\$20,484	\$0			
Total IRP Sites	46	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																								
IRP Progress in FY09: Refer to Page D-196.										MMRP Progress in FY09: Refer to Page D-196.																				
IRP Progress Planned for FY10-FY11: Refer to Page D-196.										MMRP Progress Planned for FY10-FY11: Refer to Page D-196.																				

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

AIR FORCE - CAPE CANAVERAL AIR FORCE STATION / FL457112440700 / C-EST

IRP Sites and MRSs by Classification				Study	79	3	1	1	10	1			\$38,136	\$889	\$1,418	\$545	\$0	\$0	\$0	\$0	FY12	\$11,507	\$0
Response Complete	57	Response Complete	3	IRA	59(101)	0(0)	3(4)	0(0)					\$33,764	\$0	\$1,796	\$0	\$2,045	\$0	\$3	\$0	FY13	\$6,829	\$0
High	0	MRSPP-1	0	MRSPP-7	1	Design	7	0	1	0	0	0	\$9,323	\$0	\$0	\$0	\$240	\$0	\$0	\$0	FY14	\$3,293	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	1	0	1	0	\$46,278	\$0	\$10,938	\$0	\$0	\$0	\$3,969	\$0	FY15	\$2,423	\$0
Low	2	MRSPP-3	0	Evaluation Pending	1	RA-O	5	0	20	0	2	0	\$11,225	\$0	\$3,054	\$0	\$5,212	\$0	\$3,573	\$0	FY10-Comp. IRP		\$81,197
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	10	0	16	0	\$1,856	\$0	\$115	\$0	\$160	\$0	\$1,444	\$0	FY10-Comp. MMRP		\$0
Not Required	20	MRSPP-5	0	No Longer Required	3	IRP Final RC: FY 2033 MRS Final RC: FY 2014						Total	\$140,582	\$889	\$17,321	\$545	\$7,657	\$0	\$8,989	\$0	FY10-Complete		\$81,197
Total IRP Sites	90	MRSPP-6	0	Total MRSs	5	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Initiated groundwater treatment at one site. Initiated soil removal to address high concentrations of PCBs identified during recent SI work. Funded large passive groundwater treatment basins to replace/improve several existing plume control systems.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	Achieve RIP at DP072 following groundwater IRA. Execute PBC contract for large DNAPL cleanup at DP035. Continue O&M on groundwater treatment/control systems (oxidation, sparging, aeration) at 6 sites and remedy performance monitoring at 5 sites.	MMRP Progress Planned for FY10-FY11:	No actions planned.

AIR FORCE - EGLIN AIR FORCE BASE / FL457172436600 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	137	3	0	5	2	9			\$36,088	\$2,167	\$0	\$0	\$0	\$2,584	\$0	\$2,385	FY12	\$1,470	\$6,354
Response Complete	132	Response Complete	3	IRA	72(91)	0(0)	0(0)	0(0)					\$10,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,373	\$5,451
High	0	MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	1	\$3,279	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$647	\$14,888
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	45	0	0	0	0	11	\$14,378	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$537	\$7,770
Low	0	MRSPP-3	0	Evaluation Pending	14	RA-O	15	0	4	0	0	1	\$10,397	\$0	\$463	\$0	\$504	\$0	\$553	\$0	FY10-Comp. IRP		\$12,285
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	30	0	3	11	\$9,114	\$0	\$1,029	\$0	\$1,342	\$0	\$1,728	\$0	FY10-Comp. MMRP		\$46,280
Not Required	5	MRSPP-5	0	No Longer Required	3	IRP Final RC: FY 2013 MRS Final RC: FY 2014						Total	\$83,989	\$2,167	\$1,492	\$0	\$1,846	\$2,584	\$2,281	\$2,385	FY10-Complete		\$58,565
Total IRP Sites	139	MRSPP-6	0	Total MRSs	17	Five-Year Review Completed																	

IRP Progress in FY09:	No progress reported.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	Three sites will receive RC and four sites SC.	MMRP Progress Planned for FY10-FY11:	No actions planned.

AIR FORCE - HURLBURT AIR FORCE BASE / FL457182437500 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	26	0	0	2	2	2			\$4,680	\$416	\$0	\$0	\$0	\$752	\$0	\$392	FY12	\$0	\$790
Response Complete	23	Response Complete	0	IRA	11(16)	0(0)	0(0)	0(0)					\$3,038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$748	\$1,386
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2	\$595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$635	\$1,334
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	19	0	0	0	0	4	\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$635	\$252
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	5	0	3	0	0	2	\$8,464	\$0	\$1,392	\$0	\$1,096	\$0	\$191	\$0	FY10-Comp. IRP		\$6,402
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	13	0	3	4	\$2,120	\$0	\$706	\$0	\$509	\$0	\$552	\$0	FY10-Comp. MMRP		\$5,768
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2012 MRS Final RC: FY 2014						Total	\$19,481	\$416	\$2,098	\$0	\$1,605	\$752	\$743	\$392	FY10-Complete		\$12,170
Total IRP Sites	28	MRSPP-6	0	Total MRSs	4																		

IRP Progress in FY09:	Program Fully RIP'd, last two sites RIP'd this year	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	transition ERP to AFCEE; incorporate Cannon AFB into AFSOC, RIP their last site; continue in LTM; integrate MMRP; continue cleanup of remaining sites.	MMRP Progress Planned for FY10-FY11:	No actions planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

AIR FORCE - MACDILL AIR FORCE BASE / FL457182458200 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	51	0	0	3	7	5			\$28,562	\$515	\$0	\$0	\$0	\$2,442	\$0	\$891	FY12	\$1,547	\$2,519
Response Complete	35	Response Complete	0	IRA	11(15)	0(0)	0(0)	0(0)				\$5,101	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$704	\$2,609
High	0	MRSPP-1	0	MRSPP-7	0	Design	16	0	0	0	3	\$1,599	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$982	\$1,772
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	28	0	0	0	8	\$18,062	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$386	\$345
Low	0	MRSPP-3	0	Evaluation Pending	8	RA-O	3	0	15	0	0	\$12,359	\$0	\$3,435	\$0	\$1,005	\$0	\$969	\$0	\$0	FY10-Comp. IRP		\$17,264
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	12	0	15	\$6,216	\$0	\$692	\$0	\$628	\$0	\$519	\$0	\$0	FY10-Comp. MMRP		\$12,654
Not Required	16	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2035 MRS Final RC: FY 2014					Total	\$71,899	\$515	\$4,127	\$0	\$1,633	\$2,442	\$1,488	\$891	FY10-Complete		\$29,918	
Total IRP Sites	58	MRSPP-6	0	Total MRSs	8	Five-Year Review Planned for Future																	

IRP Progress in FY09: Awarded 5 Base RA-O/LTM PBC contract to achieve NFA at 4 sites, optimize 18 sites and perform 5-year reviews at 6 sites over the next 5 years.

IRP Progress Planned for FY10-FY11: Achieve RIP for last site under investigation (SWMU 85) and close 3 sites..

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

AIR FORCE - PATRICK AIR FORCE BASE / FL457112440400 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	32	4	1	1	10	0			\$35,272	\$2,112	\$3,161	\$1,200	\$0	\$0	\$0	\$0	FY12	\$1,855	\$0
Response Complete	25	Response Complete	4	IRA	19(30)	0(0)	1(1)	0(0)				\$4,006	\$0	\$1,144	\$0	\$0	\$0	\$3,245	\$0	\$0	FY13	\$1,076	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	\$1,729	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,995	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	\$7,252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$773	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	5	0	7	0	0	\$2,543	\$0	\$275	\$0	\$1,512	\$0	\$294	\$0	\$0	FY10-Comp. IRP		\$19,646
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	2	0	6	\$1,242	\$0	\$8	\$0	\$24	\$0	\$10	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	7	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2033 MRS Final RC: FY 2010					Total	\$52,044	\$2,112	\$4,588	\$1,200	\$1,536	\$0	\$3,549	\$0	\$0	FY10-Complete		\$19,646
Total IRP Sites	43	MRSPP-6	0	Total MRSs	5	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Continued characterization activities at remaining site (SA035). Limited contamination (no major liabilities) has been identified to date. Continued successful LTM/LUC program and completed first 5-Year Review.

IRP Progress Planned for FY10-FY11: Continue investigation/delineation at remaining open site and initiate (FY2010) soil cleanup actions to address the contamination that has been identified. Continue LTM and LUC program at 9 Sites.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

AIR FORCE - TYNDALL AIR FORCE BASE / FL457152412400 / NPL / BRAC 2005 Realignment / C-EST

IRP Sites and MRSs by Classification				Study	36	0	4	11	44	0	REG		\$24,750	\$2,890	\$12,123	\$0	\$21,788	\$2,735	\$4,140	\$943	FY12	\$0	\$1,754
Response Complete	23	Response Complete	0	IRA	6(8)	0(0)	0(0)	0(0)			TECH	\$2,267	\$0	\$0	\$0	\$6,103	\$0	\$0	\$0	\$0	FY13	\$204	\$1,782
High	1	MRSPP-1	0	MRSPP-7	0	Design	9	0	1	0	2	\$356	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,060	\$525
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	2	0	1	\$10,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$105
Low	10	MRSPP-3	0	Evaluation Pending	11	RA-O	0	0	9	0	2	\$1,844	\$0	\$578	\$0	\$220	\$0	\$803	\$0	\$0	FY10-Comp. IRP		\$39,184
Not Evaluated	44	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	7	\$289	\$0	\$227	\$0	\$0	\$0	\$1,023	\$0	\$0	FY10-Comp. MMRP		\$8,425
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2038 MRS Final RC: FY 2021					Total	\$39,851	\$2,890	\$12,928	\$0	\$28,111	\$2,735	\$5,966	\$943	FY10-Complete		\$47,609	
Total IRP Sites	84	MRSPP-6	0	Total MRSs	11																		

IRP Progress in FY09: Refer to Page D-187.

IRP Progress Planned for FY10-FY11: Refer to Page D-187.

MMRP Progress in FY09: Refer to Page D-187.

MMRP Progress Planned for FY10-FY11: Refer to Page D-187.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

◆ FORMERLY USED DEFENSE SITES - AIR-TO-GROUND GUN RANGE IN BRONSON / FL49799F441800

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$171	\$0	\$17	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$15,602	\$15,602
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2115						Total	\$0	\$171	\$0	\$17	\$0	\$20	\$0	\$0	FY10-Complete	\$15,602	\$15,602
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Completed Draft Final Site Inspection Report and started realignment of project.</p> <p>MMRP Progress Planned for FY10-FY11: Complete Site Inspection phase. Realign project and request approval via INPR.</p>
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◆ FORMERLY USED DEFENSE SITES - BROOKSVILLE TURRET GUNNERY RANGE / FL49799F462600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$1,605	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$800
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$881
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$828
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0		\$0	\$5,931	\$0	\$105	\$0	\$150	\$0	\$200	FY15	\$0	\$500
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$21,878	\$21,878
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2033						Total	\$0	\$7,536	\$0	\$105	\$0	\$150	\$0	\$200	FY10-Complete	\$21,878	\$21,878
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: Awarded contract modification to perform geophysics and intrusive work for NTCRA, Phase II, Step 5. Performed geophysics field work, evaluated results, presented recommendations for intrusive work, and submitted report. Prepared NTCRA Phase II, Step 2, draft interim report.</p> <p>MMRP Progress Planned for FY10-FY11: Finalize interim report and present results for NTCRA Phase II, Step 2, at public workshop. Perform intrusive work for NTCRA, Phase II, Step 5, and prepare associated interim report. Results of intrusive work will be evaluated and recommendations made as to whether an additional step should be performed and if so, a contract mod will be pursued.</p>
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◆ FORMERLY USED DEFENSE SITES - CAMP BLANDING / FL49799F434300 / C-TECH

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	10			\$744	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	11		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	11		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	11	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	11		\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$53,539	\$53,539
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2008 MRS Final RC: FY 2054						Total	\$1,325	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$53,539	\$53,539
Total IRP Sites	1	MRSPP-6	0	Total MRSs	11																		

<p>IRP Progress in FY09: Discussed project close-out with regulatory agency.</p> <p>IRP Progress Planned for FY10-FY11: Resolve discussions with regulatory agency and property owner and complete project close-out. Evaluate need for additional IRP projects.</p>	<p>MMRP Progress in FY09: Property realigned into 11 MMRP projects.</p> <p>MMRP Progress Planned for FY10-FY11: None. RI/FS phase scheduled beyond FY10-11.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

FORMERLY USED DEFENSE SITES - GLADE CREST AIR-TO-GROUND BOMB RANGE / FL49799F918200

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$140	\$0	\$140	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,013
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2114					Total	\$0	\$140	\$0	\$140	\$0	\$20	\$0	\$0	\$0	FY10-Complete		\$11,013
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Initiated Site Inspection phase and completed final work plan.

MMRP Progress Planned for FY10-FY11: Complete Site Inspection phase. RI/FS phase scheduled beyond FY10-11.

FORMERLY USED DEFENSE SITES - LAKE BRYANT BOMB & GUNNERY RANGE / FL49799F441100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$637	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$56,562
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2028					Total	\$0	\$637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$56,562
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Started realignment of project.

MMRP Progress Planned for FY10-FY11: Complete realignment of project and request approval via INPR.

FORMERLY USED DEFENSE SITES - LAKE WILMINGTON TARGET / FL49799F968500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$153	\$0	\$9	\$0	\$16	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,839
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2101					Total	\$0	\$153	\$0	\$9	\$0	\$16	\$0	\$0	\$0	FY10-Complete		\$13,839
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Completed Draft Final Site Inspection Report.

MMRP Progress Planned for FY10-FY11: Close-out Site Inspection phase. RI/FS phase scheduled beyond FY10-11.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase		Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)			
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Florida

◆ **FORMERLY USED DEFENSE SITES - ST GEORGE ISLAND BOMB RANGE / FL49799F436100**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$139	\$0	\$15	\$0	\$16	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,586	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2068						Total	\$0	\$139	\$0	\$15	\$0	\$16	\$0	\$0	FY10-Complete		\$10,586	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Executed Site Inspection phase including site visit, meeting, work plan, and field sampling.

MMRP Progress Planned for FY10-FY11: Site Inspection phase to be completed in FY10. RI/FS phase scheduled beyond FY10-11.

◆ **FORMERLY USED DEFENSE SITES - USAF AVON PARK RANGE / FL49799F450500**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$255	\$0	\$16	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$128,808	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2164						Total	\$0	\$255	\$0	\$16	\$0	\$0	\$0	\$0	FY10-Complete		\$128,808	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Completed Site Inspection phase 30-Mar-2009.

MMRP Progress Planned for FY10-FY11: None. RI/FS phase scheduled beyond FY10-11.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Georgia

ARMY - FORT GILLEM / GA421402004600 / BRAC 2005 Closure / C-REG / C-EST

IRP Sites and MRSs by Classification				Study	1	0	14	1	0	0			\$14,145	\$173	\$729	\$173	\$0	\$205	\$0	\$0	FY12	\$530	\$10
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$3,366	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$553	\$10
High	11	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$2,155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,217	\$10
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0			\$11,707	\$0	\$142	\$0	\$0	\$0	\$17	\$0	FY15	\$603	\$10
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0			\$411	\$0	\$409	\$0	\$632	\$0	\$612	\$0	FY10-Comp. IRP	\$9,546	\$10
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	0	0	0	0			\$1,916	\$0	\$0	\$0	\$6	\$10	\$6	\$10	FY10-Comp. MMRP	\$516	\$10
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2029 MRS Final RC: FY 2010					Total	\$33,700	\$173	\$1,280	\$173	\$638	\$215	\$635	\$10	FY10-Complete	\$10,062		
Total IRP Sites	15	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed																	

IRP Progress in FY09: Refer to Page D-69.

IRP Progress Planned for FY10-FY11: Refer to Page D-69.

MMRP Progress in FY09: Refer to Page D-69.

MMRP Progress Planned for FY10-FY11: Refer to Page D-69.

ARMY - FORT STEWART / GA421402087200 / C-TECH

IRP Sites and MRSs by Classification				Study	84	5	4	3	0	0			\$11,288	\$711	\$616	\$344	\$1,515	\$3,994	\$362	\$0	FY12	\$427	\$2,599
Response Complete	79	Response Complete	5	IRA	43(47)	1(1)	0(0)	0(0)					\$438	\$230	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,127	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	1	1	\$753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$304	\$43
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	2	0	1	2	\$5,906	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$626	\$1,792
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	6	0	1	0	\$6,640	\$0	\$464	\$0	\$520	\$0	\$530	\$0	FY10-Comp. IRP	\$6,246	\$10
Not Evaluated	3	MRSPP-4	1	No Known/Suspected	0	LTM	3	0	2	0	0	2	\$530	\$0	\$30	\$0	\$94	\$0	\$37	\$0	FY10-Comp. MMRP	\$9,019	\$10
Not Required	5	MRSPP-5	0	No Longer Required	5	IRP Final RC: FY 2016 MRS Final RC: FY 2015					Total	\$25,555	\$941	\$1,110	\$344	\$2,129	\$3,994	\$929	\$0	FY10-Complete	\$15,265		
Total IRP Sites	88	MRSPP-6	1	Total MRSs	8	Five-Year Review Planned for Future																	

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: FTSW-002-R-01 and FTSW-008-R-01 are being placed in a PBA contract that will be combined with Fort Benning and Fort Jackson. A time critical removal action (TCRA) is planned for FTSW-006-R-01.

MMRP Progress Planned for FY10-FY11: A RCRA facility investigation (RFI) is planned for FTSW-002-R-01 and FTSW-008-R-01.

AIR FORCE - AIR FORCE PLANT 6 / GA457172460600 / C-EST

IRP Sites and MRSs by Classification				Study	17	0	0	0	0	0	REG		\$14,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$3,004	\$0
Response Complete	11	Response Complete	0	IRA	10(25)	0(0)	0(0)	0(0)			REG		\$22,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,478	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	REG		\$3,737	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,208	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0			\$14,904	\$0	\$60	\$0	\$0	\$0	\$0	\$0	FY15	\$2,334	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	6	0	0		\$2,791	\$0	\$2,216	\$0	\$3,177	\$0	\$3,332	\$0	FY10-Comp. IRP	\$28,783	\$10
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	6		\$1,085	\$0	\$118	\$0	\$132	\$0	\$194	\$0	FY10-Comp. MMRP	\$0	\$10
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY -					Total	\$58,884	\$0	\$2,394	\$0	\$3,309	\$0	\$3,526	\$0	FY10-Complete	\$28,783		
Total IRP Sites	17	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																	

IRP Progress in FY09: Continued Supplemental RCRA Facilities Investigation for B-4, B-10, B-90 Zones. Continued operation of ICM groundwater treatment system for B-4, B-10, and B-90 Zones.

IRP Progress Planned for FY10-FY11: Complete SRFI for B4,B10 & B90. Develop Corrective Action Plan/ BRA at B-4, B-10, B-90 Zones for contaminated soil and groundwater. Implement Approved Corrective Action Plan in the B-4, B-10, B-90 Zones.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																									
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)								
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

Georgia

AIR FORCE - ROBINS AIR FORCE BASE / GA457172433000 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	43	0	0	0	5	0			\$23,056	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$10,500	\$0
Response Complete	35	Response Complete	0	IRA	25(34)	0(0)	0(0)	0(0)				\$19,267	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$10,335	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	14	0	0	0	0	\$12,182	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,402	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	0	0	0	\$71,476	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$6,500	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	7	0	8	0	0	\$54,405	\$0	\$7,104	\$0	\$8,243	\$0	\$13,026	FY10-Comp. IRP		\$119,858	
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	3	0	8	\$6,309	\$0	\$18	\$0	\$21	\$0	\$30	FY10-Comp. MMRP		\$0	
Not Required	8	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2028 MRS Final RC: FY -					Total	\$186,695	\$0	\$7,122	\$0	\$8,264	\$0	\$13,056	FY10-Complete		\$119,858	
Total IRP Sites	48	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																

IRP Progress in FY09: Refer to Page D-167.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-167.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - CAMP GORDON ART RANGE / GA49799F816100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$211	\$0	\$33	\$0	\$10	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,753	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2089					Total	\$0	\$211	\$0	\$33	\$0	\$10	\$0	FY10-Complete		\$15,753	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																	

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: Complete MMRP SI
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: None

FORMERLY USED DEFENSE SITES - CAMP WHEELER / GA49799F472700

IRP Sites and MRSs by Classification				Study	0	1	0	0	0	0			\$0	\$3,969	\$0	\$706	\$0	\$0	\$0	FY12	\$0	\$116
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$851	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	FY14	\$0	\$1,186	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	\$0	\$5,676	\$0	\$911	\$0	\$45	\$0	FY15	\$0	\$530	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,350	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2021					Total	\$0	\$9,645	\$0	\$1,617	\$0	\$73	\$0	\$832	FY10-Complete		\$18,350
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																	

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: RI/FS fieldwork scheduled to start in Jan 2010 when workplan is approved. RA-C action was awarded for the power line right of way in Sept 2009. Fieldwork will begin as soon as all planning documents are approved.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: Complete RI/FS reporting. Initiate RD. Scope and award portion(s) of RA-C based on risk prioritization.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria **Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding
 Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																													
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
Georgia																													
◆ FORMERLY USED DEFENSE SITES - THOMASVILLE B&G RANGE / GA49799F806200																													
IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$222	\$0	\$19	\$0	\$10	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,636		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2045						Total	\$0	\$222	\$0	\$19	\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,636		
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																								
IRP Progress in FY09: No IRP sites identified.										MMRP Progress in FY09: SI phase completed 30-Jun-09																			
IRP Progress Planned for FY10-FY11: No IRP sites identified.										MMRP Progress Planned for FY10-FY11: No action planned.																			

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																																																																																																																																																																																																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)																																																																																																																																																																																																						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP																																																																																																																																																																																																				
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																																																																																																																																																																																																							
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IRP Progress in FY09: No work accomplished. Response complete for all sites except Site 14, RTF Barrigada, Golf Course Landfill.										MMRP Progress in FY09: UXO 000001 Completed SI field work and submitted draft PA/SI report																																																																																																																																																																																																													
IRP Progress Planned for FY10-FY11: Site 14: Prepare Work Plans in FY11.										MMRP Progress Planned for FY10-FY11: UXO 000001 Finalize PA/SI report																																																																																																																																																																																																													
◆ NAVY - GUAM NSRF / GU917002758500 / BRAC 1995 / RAB																																																																																																																																																																																																																							
<table border="1"> <thead> <tr> <th colspan="4">IRP Sites and MRSs by Classification</th> <th>Study</th> <th>11</th> <th>0</th> <th>1</th> <th>0</th> <th>0</th> <th>0</th> <th>REG</th> <th>REG</th> <th>\$8,920</th> <th>\$0</th> <th>\$0</th> <th>\$0</th> <th>\$0</th> <th>\$0</th> <th>\$0</th> <th>\$0</th> <th>FY12</th> <th>\$150</th> <th>\$0</th> </tr> </thead> <tbody> <tr> <td>Response Complete</td> <td>10</td> <td>Response Complete</td> <td>0</td> <td>IRA</td> <td>0(0)</td> <td>0(0)</td> <td>0(0)</td> <td>0(0)</td> <td></td> <td></td> <td>REG</td> <td>REG</td> <td>\$4,240</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY13</td> <td>\$1,249</td> <td>\$0</td> </tr> <tr> <td>High</td> <td>0</td> <td>MRSPP-1</td> <td>0</td> <td>MRSPP-7</td> <td>0</td> <td>Design</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>REG</td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY14</td> <td>\$2,266</td> <td>\$0</td> </tr> <tr> <td>Medium</td> <td>0</td> <td>MRSPP-2</td> <td>0</td> <td>MRSPP-8</td> <td>0</td> <td>RA-C</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>REG</td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY15</td> <td>\$14,765</td> <td>\$0</td> </tr> <tr> <td>Low</td> <td>1</td> <td>MRSPP-3</td> <td>0</td> <td>Evaluation Pending</td> <td>0</td> <td>RA-O</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY10-Comp. IRP</td> <td></td> <td>\$23,354</td> </tr> <tr> <td>Not Evaluated</td> <td>0</td> <td>MRSPP-4</td> <td>0</td> <td>No Known/Suspected</td> <td>0</td> <td>LTM</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>\$45</td> <td>\$0</td> <td>\$45</td> <td>\$0</td> <td>\$28</td> <td>\$0</td> <td>\$28</td> <td>\$0</td> <td>FY10-Comp. MMRP</td> <td></td> <td>\$0</td> </tr> <tr> <td>Not Required</td> <td>1</td> <td>MRSPP-5</td> <td>0</td> <td>No Longer Required</td> <td>0</td> <td colspan="5">IRP Final RC: FY 2019 MRS Final RC: FY -</td> <td>Total</td> <td>\$13,205</td> <td>\$0</td> <td>\$45</td> <td>\$0</td> <td>\$28</td> <td>\$0</td> <td>\$28</td> <td>\$0</td> <td>FY10-Complete</td> <td></td> <td>\$23,354</td> </tr> <tr> <td>Total IRP Sites</td> <td>12</td> <td>MRSPP-6</td> <td>0</td> <td>Total MRSs</td> <td>0</td> <td colspan="5">Five-Year Review Planned for Future</td> <td colspan="13"></td> </tr> </tbody> </table>																				IRP Sites and MRSs by Classification				Study	11	0	1	0	0	0	REG	REG	\$8,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$150	\$0	Response Complete	10	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			REG	REG	\$4,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,249	\$0	High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,266	\$0	Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$14,765	\$0	Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$23,354	Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0			\$45	\$0	\$45	\$0	\$28	\$0	\$28	\$0	FY10-Comp. MMRP		\$0	Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY -					Total	\$13,205	\$0	\$45	\$0	\$28	\$0	\$28	\$0	FY10-Complete		\$23,354	Total IRP Sites	12	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																	
IRP Sites and MRSs by Classification				Study	11	0	1	0	0	0	REG	REG	\$8,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$150	\$0																																																																																																																																																																																																
Response Complete	10	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			REG	REG	\$4,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,249	\$0																																																																																																																																																																																															
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,266	\$0																																																																																																																																																																																															
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$14,765	\$0																																																																																																																																																																																															
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$23,354																																																																																																																																																																																															
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0			\$45	\$0	\$45	\$0	\$28	\$0	\$28	\$0	FY10-Comp. MMRP		\$0																																																																																																																																																																																															
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY -					Total	\$13,205	\$0	\$45	\$0	\$28	\$0	\$28	\$0	FY10-Complete		\$23,354																																																																																																																																																																																																	
Total IRP Sites	12	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																																																																																																																																																																																																																	
IRP Progress in FY09: Refer to Page D-87.										MMRP Progress in FY09: No MMRP sites identified.																																																																																																																																																																																																													
IRP Progress Planned for FY10-FY11: Refer to Page D-87.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																																																																																																																																																																																																													

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**			Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed		Underway		Future		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP					
	IRP	MMRP	IRP	MMRP	IRP	MMRP																		Sites (Actions)				

Guam

AIR FORCE - ANDERSEN AIR FORCE BASE / GU957309951900 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	81	9	8	7	0	0			\$65,925	\$280	\$0	\$0	\$167	\$0	\$958	\$0	FY12	\$7,959	\$1,033	
Response Complete	47	Response Complete	9	IRA	11(11)	0(0)	2(2)	0(0)					\$22,426	\$0	\$50	\$0	\$92	\$0	\$93	\$0	FY13	\$3,405	\$1,049	
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	1		\$630	\$0	\$0	\$0	\$0	\$0	\$131	\$0	FY14	\$2,004	\$1,068	
Medium	14	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	2	0	22	6	\$29,702	\$0	\$1,149	\$0	\$5,820	\$0	\$6,873	\$0	FY15	\$2,017	\$1,085	
Low	28	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$84,351	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	9	0	3	0	6	6	\$4,098	\$0	\$590	\$0	\$1,677	\$0	\$2,072	\$0	FY10-Comp. MMRP		\$29,219	
Not Required	0	MRSPP-5	0	No Longer Required	9	IRP Final RC: FY 2014 MRS Final RC: FY 2014						Total	\$122,781	\$280	\$1,789	\$0	\$7,756	\$0	\$10,127	\$0	FY10-Complete		\$113,570	
Total IRP Sites	89	MRSPP-6	0	Total MRSs	16	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09: Refer to Page D-21.	MMRP Progress in FY09: Refer to Page D-21.
IRP Progress Planned for FY10-FY11: Refer to Page D-21.	MMRP Progress Planned for FY10-FY11: Refer to Page D-21.

FORMERLY USED DEFENSE SITES - AREA 101 / GM99799F984700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,094	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2100						Total	\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,094
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: No projects were planned for FY09.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No projects are programmed for the next two fiscal years.

FORMERLY USED DEFENSE SITES - AREA 106 / GM99799F984900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$147	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$39,570	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2109						Total	\$0	\$147	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$39,570
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: No projects were programmed for FY09.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No projects are programmed for the next fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Guam

FORMERLY USED DEFENSE SITES - AREA 108 / GM99799F985000

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$152	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$29,152
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2107					Total	\$0	\$152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$29,152
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No projects were programmed for FY09.

MMRP Progress Planned for FY10-FY11: No projects are programmed for the next two fiscal years.

FORMERLY USED DEFENSE SITES - CASCADA COUNTRY CLUB / GM99799F985100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$159	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$16,634
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2103					Total	\$0	\$159	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$16,634
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No projects were planned for FY09.

MMRP Progress Planned for FY10-FY11: No projects are programmed for the next two fiscal years.

FORMERLY USED DEFENSE SITES - GUAM SITE 1 / GM99799F374400

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$21,810
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2102					Total	\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$21,810
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No projects were programmed for FY09.

MMRP Progress Planned for FY10-FY11: No projects are being programmed for the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																													
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
Hawaii																													
◆ ARMY - MAKUA MILITARY RESERVATION / HI92145222700																													
IRP Sites and MRSs by Classification										Study	4	2	0	2	0	0			\$0	\$2,714	\$0	\$66	\$0	\$96	\$0	\$0	FY12	\$0	\$800
Response Complete	4	Response Complete	2	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$104	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$9,854	
Low	0	MRSPP-3	2	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,538	
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 1990		MRS Final RC: FY 2017		Total	\$0	\$2,714	\$0	\$66	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,538	
Total IRP Sites	4	MRSPP-6	0	Total MRSs	4																								
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: A site inspection (SI) was finalized in Fiscal Year (FY)08. A remedial investigation (RI) is underway.																			
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: A feasibility study (FS) is scheduled to begin in FY11.																			
◆ ARMY - SCHOFIELD BARRACKS / HI921452223900 / C-TECH																													
IRP Sites and MRSs by Classification										Study	125	9	3	5	0	0			\$20,112	\$2,597	\$1,274	\$2,305	\$0	\$97	\$0	\$0	FY12	\$529	\$0
Response Complete	125	Response Complete	9	IRA		3(3)	2(2)	1(1)	0(0)									\$3,009	\$118	\$0	\$60	\$0	\$0	\$0	\$0	FY13	\$467	\$0	
High	0	MRSPP-1	0	MRSPP-7	2	Design	1	0	0	0	0	0						\$225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$484	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	0	0	0						\$10,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$369	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$245	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$13,760	
Not Evaluated	3	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	2	0	0	0						\$7,869	\$0	\$1,386	\$0	\$390	\$0	\$640	\$0	FY10-Comp. MMRP		\$97	
Not Required	0	MRSPP-5	1	No Longer Required	9	IRP Final RC: FY 2012		MRS Final RC: FY 2017		Total	\$42,440	\$2,715	\$2,660	\$2,365	\$390	\$97	\$640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$13,857	
Total IRP Sites	128	MRSPP-6	1	Total MRSs	14	Five-Year Review Completed and Planned for Future																							
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: No progress reported.																			
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: No actions planned.																			
◆ ARMY - WAIKAKALAU A AMMO STORAGE TUNNELS / HI921452224500																													
IRP Sites and MRSs by Classification										Study	0	1	0	2	0	0			\$0	\$1,964	\$0	\$38	\$0	\$100	\$0	\$786	FY12	\$0	\$0
Response Complete	0	Response Complete	1	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$104	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$12,360	
Low	0	MRSPP-3	2	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$25,034	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY -		MRS Final RC: FY 2017		Total	\$0	\$1,964	\$0	\$38	\$0	\$100	\$0	\$786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$25,034	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	3																								
IRP Progress in FY09: No IRP sites identified.										MMRP Progress in FY09: The SI was completed in FY08. An RI is underway.																			
IRP Progress Planned for FY10-FY11: No IRP sites identified.										MMRP Progress Planned for FY10-FY11: An FS will follow the RI in FY11.																			

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Hawaii

NAVY - BARKING SANDS PMRF / HI917002471900 / RAB

IRP Sites and MRSs by Classification				Study	4	0	1	1	0	0			\$6,155	\$178	\$903	\$0	\$0	\$0	\$235	\$193	FY12	\$1,336	\$0
Response Complete	4	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$650	\$81
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,365	\$0
Medium	0	MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$12,283	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$27,998
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$5,330
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2025 MRS Final RC: FY 2017					Total	\$6,155	\$178	\$903	\$0	\$0	\$0	\$235	\$193	FY10-Complete		\$33,328	
Total IRP Sites	5	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																	

<p>IRP Progress in FY09: FY09: SI WP for Pipeline/Defueling Pit started. ECD for SI WP is 1/2010. (PMRF Site 5)</p> <p>IRP Progress Planned for FY10-FY11: FY10: Begin SI field work for Pipeline/Defueling Pit. FY11: Complete SI for Pipeline/Defueling Pit.</p>	<p>MMRP Progress in FY09: FY09: UXO 001: Draft SI Report completed 1/2009. Report recommends NFA.</p> <p>MMRP Progress Planned for FY10-FY11: FY10: UXO 001: Obtain NFA concurrence letter from the Hawaii Department of Health. FY11: UXO 001 is the only remaining MRP site at PMRF. No anticipated actions in FY11.</p>
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NAVY - KANEOHE BAY MCB / HI917302276200 / RAB

IRP Sites and MRSs by Classification				Study	13	0	9	6	4	0	FUND	FUND	\$4,427	\$2,831	\$2,565	\$1,508	\$2,256	\$1,403	\$2,369	\$268	FY12	\$2,695	\$3,326	
Response Complete	3	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			FUND	FUND	\$218	\$0	\$218	\$0	\$0	\$0	\$2,071	\$0	FY13	\$4,147	\$3,398	
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	1	FUND	FUND	\$0	\$0	\$0	\$0	\$0	\$91	\$314	FY14	\$1,509	\$881	
Medium	2	MRSPP-2	0	MRSPP-8	3	RA-C	0	0	0	1	1	FUND	FUND	\$0	\$0	\$0	\$0	\$0	\$1,859	\$0	FY15	\$1,317	\$794	
Low	10	MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	9	0	3			\$0	\$0	\$0	\$0	\$872	\$0	\$110	\$0	FY10-Comp. IRP		\$24,893
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	0	0	0	0	6	1		\$84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$28,328
Not Required	10	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2027					Total	\$4,729	\$2,831	\$2,783	\$1,508	\$3,128	\$1,403	\$6,569	\$582	FY10-Complete		\$53,221		
Total IRP Sites	26	MRSPP-6	0	Total MRSs	6	Five-Year Review Planned for Future																		

<p>IRP Progress in FY09: MCBH: Site 21: Submitted final SC report and draft EHE/EHMP requesting conditional NFA. Site 4: Submitted Final WP for extended SI (ESI). MCTAB (Bellows) :No work performed.</p> <p>IRP Progress Planned for FY10-FY11: MCBH: FY10: Site 21: Obtain NFA concurrence from DOH. Site 4: Cmpt Amended ESI plng docs & Implement. Prep ESI report. Sites 6,7,8,9,11,13,14,15,16,20 cmplt SI. Site 12: Prepare planning docs for RI. MCTAB (Bellows) : No work currently planned.</p>	<p>MMRP Progress in FY09: Continued UXO 01-05 and 22 SI field work.</p> <p>MMRP Progress Planned for FY10-FY11: Continue UXO 01 to 05 and 22 RI.</p>
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NAVY - LUALALEI NAVMAG / HI917002227100 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	17	2	3	8	5	2	FUND	FUND	\$9,271	\$1,234	\$3,454	\$525	\$1,697	\$0	\$6,586	\$794	FY12	\$8,920	\$0	
Response Complete	10	Response Complete	1	IRA	11(11)	1(1)	0(0)	0(0)					\$8,484	\$881	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$12,840	\$1,078	
High	1	MRSPP-1	0	MRSPP-7	1	Design	1	0	0	8	2	REG	REG	\$0	\$0	\$0	\$0	\$0	\$218	\$0	FY14	\$5,028	\$4,442	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	8	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,526	\$3,412	
Low	5	MRSPP-3	0	Evaluation Pending	5	RA-O	1	0	6	0	4			\$1,030	\$0	\$322	\$0	\$815	\$0	\$1,092	\$0	FY10-Comp. IRP		\$47,570
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	3	0	3	4		\$1,727	\$0	\$802	\$0	\$1,579	\$0	\$130	\$0	FY10-Comp. MMRP		\$30,880
Not Required	7	MRSPP-5	2	No Longer Required	1	IRP Final RC: FY 2024 MRS Final RC: FY 2020					Total	\$20,512	\$2,115	\$4,578	\$525	\$4,091	\$0	\$8,026	\$794	FY10-Complete		\$78,450		
Total IRP Sites	25	MRSPP-6	3	Total MRSs	12	Five-Year Review Underway																		

<p>IRP Progress in FY09: Site 2 Completed RVR & PP, worked on DD. Site 3 Worked on RI work plans. Sites 11/14/UXO 16 completed DD. Site 15 B66 EE/CA AM RVR DD Compl. Site 15 B21 EE/CA AM Compl. Site 17 SRP Compl. Sites 19 Worked on LUC ROD for transformers.</p> <p>IRP Progress Planned for FY10-FY11: Site 2- Complete DD in FY10. Sites 3, 21, 25 - initiate RI. Sites 19-Complete LUC ROD for transformers. UXO 4,7,9 PA.</p>	<p>MMRP Progress in FY09: Finalized PA addenda for UXO 1, 2, 3, 5, 10, and 11. Received NFA concurrence for UXO 4. UXO 1, 2, 3, 5, 7, 9, 10, and 11-finalized work plan, conducted field work and submitted draft SI report. Based on SI, added UXO 16 and 17.</p> <p>MMRP Progress Planned for FY10-FY11: UXO 1, 2, 3, 5, 7, 9, 10, 11, 16, 17-finalize SI report UXO 5, 7, 9 conduct supplemental SI field work and submit draft supplemental SI report</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP							
Hawaii																							
◆ NAVY - PEARL HARBOR FISC / HI917002434200 / NPL / RAB / C-TECH																							
IRP Sites and MRSs by Classification				Study	11	0	3	0	1	0	TECH		\$16,595	\$0	\$328	\$0	\$264	\$0	\$610	\$0	FY12	\$1,195	\$0
Response Complete	10	Response Complete	0	IRA	5(8)	0(0)	0(0)	0(0)				\$13,349	\$0	\$2	\$0	\$0	\$0	\$0	\$0	FY13	\$2,439	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	2	0		\$587	\$0	\$0	\$0	\$0	\$0	\$20	\$0	FY14	\$556	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	4	0	\$3,642	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$188	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	0	4	0	\$1,856	\$0	\$24	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$11,046	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	6	\$270	\$0	\$0	\$0	\$15	\$0	\$15	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY -					Total	\$36,299	\$0	\$354	\$0	\$279	\$0	\$645	\$0	FY10-Complete		\$11,046	
Total IRP Sites	15	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																	
IRP Progress in FY09: Refer to Page D-152.										MMRP Progress in FY09: No MMRP sites identified.													
IRP Progress Planned for FY10-FY11: Refer to Page D-152.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.													
◆ NAVY - PEARL HARBOR NS / HI917002434100 / NPL / RAB																							
IRP Sites and MRSs by Classification				Study	19	1	5	0	5	1	FUND	FUND	\$33,188	\$0	\$1,205	\$0	\$1,376	\$572	\$3,962	\$0	FY12	\$2,239	\$0
Response Complete	14	Response Complete	0	IRA	13(13)	1(1)	1(1)	0(0)			REG	REG	\$29,125	\$0	\$35	\$0	\$961	\$0	\$0	\$0	FY13	\$5,667	\$284
High	2	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	4	0	\$129	\$0	\$0	\$0	\$134	\$0	\$16	\$0	FY14	\$33,185	\$743
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	4	0	\$3,970	\$0	\$0	\$0	\$0	\$0	\$277	\$0	FY15	\$9,471	\$28
Low	4	MRSPP-3	0	Evaluation Pending	2	RA-O	8	0	3	0	5	0	\$1,054	\$0	\$270	\$0	\$0	\$0	\$697	\$0	FY10-Comp. IRP		\$69,453
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	1	8	0	\$1,430	\$1,343	\$331	\$96	\$417	\$0	\$375	\$65	FY10-Comp. MMRP		\$2,434
Not Required	5	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2027					Total	\$68,896	\$1,343	\$1,841	\$96	\$2,888	\$572	\$5,327	\$65	FY10-Complete		\$71,887	
Total IRP Sites	29	MRSPP-6	0	Total MRSs	2	Five-Year Review Planned for Future																	
IRP Progress in FY09: Refer to Page D-152.										MMRP Progress in FY09: Refer to Page D-152.													
IRP Progress Planned for FY10-FY11: Refer to Page D-152.										MMRP Progress Planned for FY10-FY11: Refer to Page D-152.													
◆ NAVY - PEARL HARBOR NSY / HI917002433900 / NPL / RAB / C-TECH																							
IRP Sites and MRSs by Classification				Study	18	0	5	0	3	0	FUND		\$8,128	\$0	\$343	\$0	\$922	\$0	\$983	\$0	FY12	\$6,244	\$0
Response Complete	13	Response Complete	0	IRA	6(10)	0(0)	0(0)	0(0)			REG	REG	\$14,725	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,239	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	5	0	\$346	\$0	\$0	\$0	\$8	\$0	\$27	\$0	FY14	\$2,863	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	5	0	\$498	\$0	\$0	\$0	\$339	\$0	\$500	\$0	FY15	\$641	\$0
Low	4	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	5	0	2	0	\$2,716	\$0	\$475	\$0	\$254	\$0	\$257	\$0	FY10-Comp. IRP		\$19,740
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	7	0	\$55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	5	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2035 MRS Final RC: FY -					Total	\$26,468	\$0	\$818	\$0	\$1,523	\$0	\$1,767	\$0	FY10-Complete		\$19,740	
Total IRP Sites	26	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																	
IRP Progress in FY09: Refer to Page D-152.										MMRP Progress in FY09: No MMRP sites identified.													
IRP Progress Planned for FY10-FY11: Refer to Page D-152.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.													

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**			Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed				Underway				Future			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Sites (Actions)																			

Hawaii

NAVY - PEARL HARBOR PWC / HI917002433400 / NPL / RAB

IRP Sites and MRSs by Classification				Study	11	0	5	0	1	0	FUND		\$15,751	\$0	\$2,180	\$0	\$1,264	\$0	\$1,940	\$0	FY12	\$215	\$0	
Response Complete	7	Response Complete	0	IRA	5(11)	0(0)	0(0)	0(0)			FUND		\$32,173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,451	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	3	0	\$194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$17,117	\$0	
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	7	0	\$4,297	\$0	\$0	\$0	\$1,335	\$0	\$342	\$0	FY15	\$19,315	\$0	
Low	3	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$68,169	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY -						Total	\$52,415	\$0	\$2,180	\$0	\$2,599	\$0	\$2,282	\$0	FY10-Complete		\$68,169	
Total IRP Sites	17	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																		

IRP Progress in FY09: Refer to Page D-152.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-152.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - WAHIAWA NCTAMS EASTPAC / HI917002438800 / NPL / RAB

IRP Sites and MRSs by Classification				Study	15	0	14	0	1	0	REG		\$11,138	\$0	\$1,804	\$0	\$3,689	\$0	\$1,657	\$0	FY12	\$2,295	\$0	
Response Complete	12	Response Complete	0	IRA	6(9)	0(0)	0(0)	0(0)			REG		\$15,055	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$6,374	\$0	
High	3	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	6	0	\$226	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$4,535	\$0	
Medium	10	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	9	0	\$1,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$6,250	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	3	0	7	0	\$163	\$0	\$163	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$25,897	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	3	0	\$44	\$0	\$0	\$0	\$97	\$0	\$39	\$0	FY10-Comp. MMRP		\$0	
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2017 MRS Final RC: FY -						Total	\$27,747	\$0	\$1,967	\$0	\$3,786	\$0	\$1,696	\$0	FY10-Complete		\$25,897	
Total IRP Sites	30	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																		

IRP Progress in FY09: Refer to Page D-132.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Refer to Page D-132.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

AIR FORCE - BELLOWS AIR FORCE STATION / HI957302871900 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	23	2	0	3	0	0			\$5,248	\$190	\$0	\$0	\$0	\$2,050	\$0	\$937	FY12	\$66	\$2,145	
Response Complete	22	Response Complete	2	IRA	16(18)	0(0)	0(0)	0(0)			TECH		\$15,018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$82	\$2,095	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$50	\$1,919	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	3	\$212	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$54	\$374	
Low	0	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$2,003	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	0	3	\$229	\$0	\$104	\$0	\$59	\$0	\$146	\$0	FY10-Comp. MMRP		\$11,019	
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2011 MRS Final RC: FY 2014						Total	\$20,707	\$190	\$104	\$0	\$59	\$2,050	\$146	\$937	FY10-Complete		\$13,022	
Total IRP Sites	23	MRSPP-6	0	Total MRSs	5	Five-Year Review Planned for Future																		

IRP Progress in FY09: Completed LF23 ROD and conducted LUC Inspections (LTM) for Landfills LF01 and DA101. Closed Site LF24 under IRP.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: Complete annual LUC inspections for Sites LF01 and DA101 in accordance with signed ROD. Execute hot spot removal at Site LF23 (the Hardfill) in accordance with the signed ROD.	MMRP Progress Planned for FY10-FY11: No actions planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Hawaii

AIR FORCE - HICKAM AIR FORCE BASE / HI957302872200 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	53	12	7	5	6	0	FUND		\$41,964	\$279	\$1,963	\$0	\$1,186	\$2,467	\$0	\$412	FY12	\$1,135	\$736
Response Complete	37	Response Complete	12	IRA	31(37)	0(0)	10(10)	0(0)			FUND		\$45,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,152	\$1,973
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	1	0	REG	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,224	\$352
Medium	7	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	4	0	2	5	TECH	\$11,094	\$0	\$324	\$0	\$1,656	\$0	\$0	FY15	\$2,167	\$46
Low	12	MRSPP-3	0	Evaluation Pending	5	RA-O	1	0	3	0	11	0		\$4,573	\$0	\$890	\$0	\$1,018	\$0	\$1,832	FY10-Comp. IRP		\$40,500
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	7	5		\$1,482	\$0	\$146	\$0	\$365	\$0	\$292	FY10-Comp. MMRP		\$7,673
Not Required	3	MRSPP-5	0	No Longer Required	12	IRP Final RC: FY 2041 MRS Final RC: FY 2014						Total	\$104,302	\$279	\$3,323	\$0	\$4,225	\$2,467	\$2,124	\$412	FY10-Complete		\$48,173
Total IRP Sites	66	MRSPP-6	0	Total MRSs	17	Five-Year Review Planned for Future																	

<p>IRP Progress in FY09: RI/FS underway or completed for fourteen sites including debris piles, PCB releases, fuel & solvent releases. Achieved RIP for six sites including two large fuel plumes. Continued removal of underground storage tanks.</p> <p>IRP Progress Planned for FY10-FY11: Five year review will begin in 2010. Expect to achieve RIP by 2012 for all remaining sites.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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AIR FORCE - HICKAM POL / HI957302872300 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	23	0	7	0	0	0		\$19,980	\$0	\$2,906	\$0	\$1,762	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	21	Response Complete	0	IRA	4(7)	0(0)	0(0)	0(0)				\$9,532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$813	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	6	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$929	\$0	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	6	0		\$219	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$686	\$0	
Low	6	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	8	0		\$655	\$0	\$205	\$0	\$0	\$0	\$329	FY10-Comp. IRP		\$20,667	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	6	0		\$0	\$0	\$0	\$0	\$0	\$60	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2017 MRS Final RC: FY -						Total	\$30,386	\$0	\$3,111	\$0	\$1,762	\$0	\$389	\$0	FY10-Complete		\$20,667
Total IRP Sites	30	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																	

<p>IRP Progress in FY09: Completed 3 studies; shutdown 4 of 5 bioventing systems; removed two small UST; negotiated access agreements for work on multiple private properties; initiated next biannual round of groundwater sampling, programmed PA/SI for newly discovered drum site</p> <p>IRP Progress Planned for FY10-FY11: Kipapa FSA, Valve Pit 17, and Waikakalaua FSA - sign three DDs; Round 15 of groundwater sampling. Main Pipeline RI/FS for all leak sites and valve pits; complete drum disposal area PA/SI leading to either RI or NFRAP.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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FORMERLY USED DEFENSE SITES - BIG ISLAND BOMBING TARGETS / HI99799FA10000

IRP Sites and MRSs by Classification				Study	0	1	0	2	0	0		\$0	\$633	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$22,452	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY - MRS Final RC: FY 2121						Total	\$0	\$633	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$22,452
Total IRP Sites	0	MRSPP-6	0	Total MRSs	3																		

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																								
Phase		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
		Sites (Actions)								IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	MMRP				
Hawaii																								
◆ FORMERLY USED DEFENSE SITES - CENTER COMBAT RANGE / H199799FA10400																								
IRP Sites and MRSs by Classification																								
Response Complete	0	Response Complete	0	Study	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$168	\$0	\$4,349	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2120					Total	\$0	\$0	\$0	\$0	\$0	\$168	\$0	\$4,349	FY10-Complete		\$12,820		
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: A SI phase was initiated in FY09.													
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: The SI phase is anticipated to be completed within the next two fiscal years.													
◆ FORMERLY USED DEFENSE SITES - GROVE FARM ARTY IMP / H199799F412000																								
IRP Sites and MRSs by Classification																								
Response Complete	0	Response Complete	0	Study	0	1	0	0	0	0			\$0	\$156	\$0	\$65	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2118					Total	\$0	\$156	\$0	\$65	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$21,016
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: A RI/FS phase was initiated in FY09.													
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: The RI/FS is anticipated to be completed within the next two fiscal years.													
◆ FORMERLY USED DEFENSE SITES - HEEIA COMBAT TRAINING CAMP / H199799F385900 / RAB / C-EST																								
IRP Sites and MRSs by Classification																								
Response Complete	0	Response Complete	0	Study	0	1	0	0	0	0			\$17	\$1,539	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0		\$0	\$100	\$0	\$43	\$0	\$50	\$0	\$0	FY13	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0		\$0	\$16	\$0	\$16	\$0	\$793	\$0	\$0	FY14	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2083					Total	\$17	\$1,655	\$0	\$59	\$0	\$843	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$71,958
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: The final EE/CA was completed in FY09.													
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: A RI/FS phase is being planned within the next two fiscal years.													

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																																																																																																																																																																																																																
Phase		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)																																																																																																																																																																																																														
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP																																																																																																																																																																																																												
		Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																																																																																																																																																																																																															
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IRP Sites and MRSs by Classification				Study	0	0	0	4	0	0			\$0	\$729	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0																																																																																																																																																																																																								
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	\$0																																																																																																																																																																																																								
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	4		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	\$0																																																																																																																																																																																																								
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	4		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	\$0																																																																																																																																																																																																								
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	\$0																																																																																																																																																																																																								
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	4		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$20,204	\$20,204	\$0																																																																																																																																																																																																								
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2123						Total	\$0	\$729	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$20,204	\$20,204	\$0																																																																																																																																																																																																							
Total IRP Sites	0	MRSPP-6	0	Total MRSs	4																																																																																																																																																																																																																											
<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>											<p>MMRP Progress in FY09: No projects were programmed for FY09.</p> <p>MMRP Progress Planned for FY10-FY11: No further action is programmed for the next two fiscal years.</p>																																																																																																																																																																																																																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																									
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)								
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP									
Hawaii																									
◆ FORMERLY USED DEFENSE SITES - MAKANALUA BOMBING RANGE / HI99799F394100																									
IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0				\$0	\$242	\$0	\$22	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,679	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2113						Total	\$0	\$242	\$0	\$22	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,679	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: A SI phase was completed in FY09.														
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: No projects are being programmed for the next two fiscal years.														
◆ FORMERLY USED DEFENSE SITES - MAUI BOMBING TARGETS / HI99799F989600																									
IRP Sites and MRSs by Classification				Study	0	0	0	2	0	0				\$0	\$365	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,179	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2113						Total	\$0	\$365	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,179	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																				
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: No projects were programmed for FY09.														
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: No further action is programmed for the next two fiscal years.														
◆ FORMERLY USED DEFENSE SITES - PACIFIC JUNGLE COMBAT / HI99799F400400																									
IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0				\$0	\$264	\$0	\$18	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,748	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2107						Total	\$0	\$264	\$0	\$18	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,748	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY09: No IRP sites identified.											MMRP Progress in FY09: A SI phase is being completed.														
IRP Progress Planned for FY10-FY11: No IRP sites identified.											MMRP Progress Planned for FY10-FY11: No actions planned.														

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Hawaii

◆ FORMERLY USED DEFENSE SITES - PAKINI BOMBING RANGE / HI99799F739700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$385	\$0	\$27	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$23,633	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2100						Total	\$0	\$385	\$0	\$27	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$23,633
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: A SI phase was completed in FY09.

MMRP Progress Planned for FY10-FY11: No projects are being programmed for the next two fiscal years.

◆ FORMERLY USED DEFENSE SITES - PALI TRAINING CAMP / HI99799F400700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$463	\$0	\$21	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0		\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$33,361	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2076						Total	\$0	\$508	\$0	\$21	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$33,361
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: A final EE/CA was completed in FY09.

MMRP Progress Planned for FY10-FY11: A RI/FS phase is being programmed within the next two fiscal years.

◆ FORMERLY USED DEFENSE SITES - RANGE D-400-L / HI99799FA10300

IRP Sites and MRSs by Classification				Study	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$168	\$0	\$3,681	FY12	\$0	\$0		
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,665		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2118						Total	\$0	\$0	\$0	\$0	\$0	\$168	\$0	\$3,681	\$0	\$3,681	FY10-Complete		\$10,665
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: A SI phase was initiated in FY09.

MMRP Progress Planned for FY10-FY11: The SI phase is anticipated to be completed within the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Hawaii

FORMERLY USED DEFENSE SITES - WAIKANE TRAINING AREA / HI99799F407400

IRP Sites and MRSs by Classification				Study	0	0	0	2	0	1			\$0	\$2,780	\$0	\$1,642	\$0	\$55	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	1	0	0	0	\$0	\$75	\$0	\$21	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	\$0	\$1,997	\$0	\$1,997	\$0	\$3,043	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$24,376	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2123						Total	\$0	\$4,852	\$0	\$3,660	\$0	\$3,098	\$0	\$0	FY10-Complete		\$24,376
Total IRP Sites	0	MRSPP-6	0	Total MRSs	3																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: A RI/FS phase and a RmA-C phase were initiated in FY09.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: The RI/FS completion is anticipated within the next two fiscal years. The RmA-C is expected to continue within the next two fiscal years.

FORMERLY USED DEFENSE SITES - WAIKOLOA MANEUVER AREA / HI99799F407700 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	0	5	0	1	0	0		\$789	\$6,227	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$12,409	
Response Complete	0	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)				\$21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$12,500	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	2	0	1	0	\$0	\$194	\$0	\$54	\$0	\$0	\$0	\$0	FY14	\$0	\$136	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	3	0	\$0	\$85,791	\$0	\$13,756	\$0	\$13,465	\$0	\$102	FY15	\$0	\$12,500	
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$534	FY10-Comp. MMRP		\$951,187	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2099						Total	\$810	\$92,212	\$0	\$13,810	\$0	\$13,465	\$0	\$636	FY10-Complete		\$951,187
Total IRP Sites	0	MRSPP-6	0	Total MRSs	6																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: Removal action and construction support is on-going this fiscal year.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: Removal action and construction support will continue for the next two fiscal years.

FORMERLY USED DEFENSE SITES - WAILUA ARTILLERY IMPACT AREA / HI99799F411900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0		\$0	\$219	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$17,418	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2114						Total	\$0	\$219	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$17,418
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: The SI phase was completed in FY09.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No action is programmed for the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																						
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						

Hawaii

◆ **FORMERLY USED DEFENSE SITES - WAIMEA FALLS PARK / HI99799F989400**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$169	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$14,075	\$14,075	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2118						Total	\$0	\$169	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$14,075	\$14,075
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: The SI phase was completed in FY09.

MMRP Progress Planned for FY10-FY11: No action is programmed for the next two fiscal years.

◆ **FORMERLY USED DEFENSE SITES - WAIMEA TRAINING SITE / HI99799F408300**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$196	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$14,761	\$14,761	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2120						Total	\$0	\$196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$14,761	\$14,761
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: A SI phase was completed in FY09.

MMRP Progress Planned for FY10-FY11: No projects are being programmed within the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP					

Idaho

◆ **FORMERLY USED DEFENSE SITES - BLAINE COUNTY NG TARGET / ID09799F300800**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$5	\$0	\$5	\$0	\$40	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,351	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2040						Total	\$0	\$5	\$0	\$5	\$0	\$40	\$0	\$0	FY10-Complete		\$10,351	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: PRP issues regarding past usage by National Guard has put progress on hold for further determination.

MMRP Progress Planned for FY10-FY11: No activity planned.

◆ **FORMERLY USED DEFENSE SITES - IDAHO NAT. ENGR. LABORATORY / ID09799F143700**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$176	\$0	\$11	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$156,507	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2090						Total	\$0	\$176	\$0	\$11	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$156,507
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: SI Phase completed 23-Sep-2009

MMRP Progress Planned for FY10-FY11: No activities planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Illinois

ARMY - SAVANNA DEPOT ACTIVITY / IL521382080300 / NPL / BRAC 1995 / RAB

IRP Sites and MRSs by Classification				Study	63	3	63	12	0	0			\$36,034	\$9,271	\$174	\$630	\$901	\$291	\$0	\$0	FY12	\$4,617	\$2,623
Response Complete	59	Response Complete	3	IRA	6(6)	0(0)	0(0)	0(0)					\$5,384	\$0	\$0	\$0	\$930	\$158	\$0	\$0	FY13	\$8,244	\$328
High	12	MRSPP-1	0	MRSPP-7	2	Design	5	0	0	0	8	4	\$13,180	\$4,910	\$0	\$0	\$0	\$0	\$203	\$0	FY14	\$1,200	\$6,672
Medium	12	MRSPP-2	1	MRSPP-8	0	RA-C	9	0	6	0	41	11	\$48,004	\$0	\$239	\$0	\$188	\$0	\$3,952	\$0	FY15	\$2,630	\$41
Low	39	MRSPP-3	3	Evaluation Pending	0	RA-O	0	0	2	0	3	1	\$1,339	\$500	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$77,879
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	41	11	\$816	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$27,356
Not Required	1	MRSPP-5	4	No Longer Required	3	IRP Final RC: FY 2045 MRS Final RC: FY 2019						Total	\$104,757	\$14,681	\$413	\$630	\$2,019	\$449	\$4,155	\$0	FY10-Complete		\$105,235
Total IRP Sites	126	MRSPP-6	2	Total MRSs	15																		

IRP Progress in FY09: Refer to Page D-172.

IRP Progress Planned for FY10-FY11: Refer to Page D-172.

MMRP Progress in FY09: Refer to Page D-172.

MMRP Progress Planned for FY10-FY11: Refer to Page D-172.

NAVY - GREAT LAKES NTC / IL517002259600 / C-TECH

IRP Sites and MRSs by Classification				Study	22	4	5	1	6	0	0	FUND	FUND	\$7,274	\$922	\$1,156	\$0	\$306	\$0	\$212	\$0	FY12	\$2,531	\$681
Response Complete	6	Response Complete	2	IRA	8(9)	0(0)	0(0)	0(0)			REG	REG	\$2,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,915	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	0	0	9	1	\$386	\$0	\$0	\$0	\$44	\$0	\$0	\$0	FY14	\$3,069	\$0	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	9	0	\$4,951	\$0	\$0	\$0	\$20	\$0	\$914	\$0	FY15	\$802	\$0	
Low	9	MRSPP-3	0	Evaluation Pending	3	RA-O	3	0	0	0	0	0	\$2,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$25,381	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	5	0	6	0	\$779	\$0	\$0	\$0	\$1,929	\$0	\$408	\$0	FY10-Comp. MMRP		\$681	
Not Required	15	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2016 MRS Final RC: FY 2014						Total	\$18,633	\$922	\$1,156	\$0	\$2,299	\$0	\$1,534	\$0	FY10-Complete		\$26,062	
Total IRP Sites	33	MRSPP-6	0	Total MRSs	5	Five-Year Review Completed																		

IRP Progress in FY09: Complete field investigations for Sites 19, 21 and 9. Begin FS for Site 19, Issues RODs for Sites 17, 1 and 4. Initiate the LUC Tracker system, obatin a Regional Data Manager for NIRIS. Initiated 2 more investigations and continue LTM at Sites 2 an

IRP Progress Planned for FY10-FY11: CContinue investigation for Camp Moffett, Transformer Storage Area, Bldg. 1517 landfill, Harbor Dredge Spoil Area, continue LUC at 10 site, LTM at 2 sites, replace Skokie Pipe, develop overall remedial plan for PBC

MMRP Progress in FY09: Complete QAPP for SIs and initiate field work.

MMRP Progress Planned for FY10-FY11: Complete SI

AIR FORCE - CHANUTE AFB / IL557002475700 / Proposed NPL / BRAC 1988 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	43	11	35	2	0	0			\$75,625	\$1,126	\$10,758	\$886	\$547	\$0	\$40	\$0	FY12	\$0	\$0
Response Complete	32	Response Complete	11	IRA	23(43)	0(0)	4(7)	0(0)					\$26,654	\$0	\$0	\$0	\$670	\$0	\$150	\$0	FY13	\$0	\$0
High	8	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$1,117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	2	0	30	1	\$37,964	\$0	\$20,569	\$0	\$103	\$0	\$157	\$0	FY15	\$0	\$0
Low	1	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	2	0	24	0	\$1,635	\$0	\$264	\$0	\$52	\$0	\$982	\$0	FY10-Comp. IRP		\$13,073
Not Evaluated	33	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	34	1	\$4,027	\$1	\$1,432	\$0	\$624	\$1	\$1,496	\$0	FY10-Comp. MMRP		\$99
Not Required	2	MRSPP-5	0	No Longer Required	11	IRP Final RC: FY 2016 MRS Final RC: FY 2010						Total	\$147,022	\$1,127	\$33,023	\$886	\$1,996	\$1	\$2,825	\$0	FY10-Complete		\$13,172
Total IRP Sites	78	MRSPP-6	0	Total MRSs	13	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-38.

IRP Progress Planned for FY10-FY11: Refer to Page D-38.

MMRP Progress in FY09: Refer to Page D-38.

MMRP Progress Planned for FY10-FY11: Refer to Page D-38.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Illinois

AIR FORCE - SCOTT AIR FORCE BASE / IL557182417700 / BRAC 2005 Realignment / C-EST

IRP Sites and MRSs by Classification				Study	21	1	14	0	17	0	FUND		\$17,014	\$0	\$928	\$0	\$69	\$0	\$0	\$0	FY12	\$524	\$0		
Response Complete	11	Response Complete	1	IRA	9(11)	0(0)	0(0)	0(0)			FUND		\$2,276	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,002	\$0		
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	18	0	1	0	FUND	\$2,317	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,367	\$0		
Medium	11	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	20	0	1	0	FUND	\$33,494	\$0	\$16,252	\$0	\$0	\$0	\$4,064	\$0	FY15	\$1,342	\$0	
Low	12	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	22	0		\$290	\$0	\$90	\$0	\$166	\$0	\$199	\$0	FY10-Comp. IRP	\$28,359	\$0	
Not Evaluated	17	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	6	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	\$0	
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2038 MRS Final RC: FY 2005						Total	\$55,391	\$0	\$17,270	\$0	\$235	\$0	\$4,263	\$0	FY10-Complete	\$28,359	\$0		
Total IRP Sites	52	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																			

<p>IRP Progress in FY09: A fence-to-fence PBC encompassing 17 ERP sites was awarded 16 Sep 08. The FY07 PBC, consisting of 4 sites, is progressing. Received 23 out of 27 No Further Remediation letters for ST10 tank sites. Converted site SS14 from RCRA to CERCLA.</p> <p>IRP Progress Planned for FY10-FY11: Anticipate funding all CLINs included the FY08 PBC in FY09 and FY10 as part of Option Years 1 and 2. The primary focus will be on completing RI/FSS and RODs in order to stay on track for meeting the 2012 RIP goal.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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FORMERLY USED DEFENSE SITES - SANGAMON ORDNANCE PLANT / IL59799F221600 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	1	0	0		\$710	\$186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1		\$43	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	1		\$798	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$120	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$2,368	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1		\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$14,148	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2030						Total	\$1,552	\$186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$16,516	\$0
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: A Property Records Summary Report (PRSR) and a GOCO Financial Viability Report (GFVR) were prepared by a contractor. PRSR is currently being revised by the contractor in response to comments from LRL Office of Counsel. The GFVR is currently under review by LRL Office of Counsel.</p> <p>IRP Progress Planned for FY10-FY11: PSRS and the GFVR should be finalized. Most likely will be followed by initiation of an INPR and recommended PRP project.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Iowa

ARMY - IOWA ARMY AMMUNITION PLANT / IA721382044500 / NPL / RAB

IRP Sites and MRSs by Classification						Study	53	0	1	7	0	0			\$28,747	\$3,280	\$0	\$2,009	\$0	\$49	\$0	\$0	FY12	\$532	\$4,406
Response Complete	40	Response Complete	0			IRA	9(12)	0(0)	0(0)	0(0)					\$11,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$279	\$0
High	0	MRSPP-1	0	MRSPP-7	1	Design	29	0	0	0	0	7			\$9,397	\$0	\$0	\$0	\$0	\$0	\$0	\$126	FY14	\$32	\$3,570
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	29	0	2	0	0	7			\$45,066	\$0	\$594	\$0	\$1,448	\$0	\$508	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	2	Evaluation Pending	0	RA-O	0	0	12	0	1	0			\$891	\$0	\$16	\$0	\$530	\$0	\$15	\$0	FY10-Comp. IRP		\$15,766
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	1	0	0	7			\$3,268	\$0	\$0	\$0	\$282	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,151
Not Required	11	MRSPP-5	2	No Longer Required	0	IRP Final RC: FY 2039		MRS Final RC: FY 2013						Total	\$98,391	\$3,280	\$610	\$2,009	\$2,260	\$49	\$523	\$126	FY10-Complete		\$23,917
Total IRP Sites	54	MRSPP-6	1	Total MRSs	7	Five-Year Review Completed and Underway																			

IRP Progress in FY09: Refer to Page D-94.

IRP Progress Planned for FY10-FY11: Refer to Page D-94.

MMRP Progress in FY09: Refer to Page D-94.

MMRP Progress Planned for FY10-FY11: Refer to Page D-94.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																				
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)			
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP	
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP				
Kansas																				
ARMY - KANSAS ARMY AMMUNITION PLANT / KS721382046700 / BRAC 2005 Closure / RAB / C-TECH / C-EST																				
IRP Sites and MRSs by Classification				Study	26	0	2	1	0	0										
Response Complete	15	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)												
High	3	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0										
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0										
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0										
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0										
Not Required	9	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039 MRS Final RC: FY 2010				Total	\$41,035	\$267	\$2,454	\$0	\$10,082	\$94	\$130	\$0	FY10-Complete	\$10,423
Total IRP Sites	28	MRSPP-6	1	Total MRSs	1	Five-Year Review Underway														
IRP Progress in FY09: Refer to Page D-99.										MMRP Progress in FY09: Refer to Page D-99.										
IRP Progress Planned for FY10-FY11: Refer to Page D-99.										MMRP Progress Planned for FY10-FY11: Refer to Page D-99.										
AIR FORCE - MCCONNELL AIR FORCE BASE / KS757212414000 / BRAC 2005 Realignment / C-EST																				
IRP Sites and MRSs by Classification				Study	29	0	5	4	10	1										
Response Complete	25	Response Complete	0	IRA	4(4)	0(0)	1(1)	0(0)												
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	2	0	4									
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	2	0	5									
Low	5	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	3	0	2									
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	5	0	9									
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2014				Total	\$31,452	\$10,303	\$6,058	\$10,251	\$1,779	\$938	\$350	\$585	FY10-Complete	\$24,203
Total IRP Sites	44	MRSPP-6	0	Total MRSs	5	Five-Year Review Completed														
IRP Progress in FY09: Continue RI/FS projects for Titan II Sites SS-28, SS-29, and SS-30. ST-25 is under LTM. LTM PBA contract awarded for ST-25, FT-7, SS-14, and St-17.										MMRP Progress in FY09: No progress reported.										
IRP Progress Planned for FY10-FY11: Complete ROD for SS-35, SS-31, SS-32, LF-33, SS-28, SS-29, SS-30, LF-34, and SS-1. All sites RIPed by end of FY12 if not sooner.										MMRP Progress Planned for FY10-FY11: No actions planned.										
FORMERLY USED DEFENSE SITES - FORBES AFB-AF FAC S-7 / KS79799F027000																				
IRP Sites and MRSs by Classification				Study	2	0	0	0	0	0										
Response Complete	1	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)												
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0									
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1									
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1									
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0									
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2027 MRS Final RC: FY -				Total	\$6,115	\$0	\$170	\$0	\$4,025	\$0	\$121	\$0	FY10-Complete	\$19,486
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0															
IRP Progress in FY09: Decision Document Approved July 30, 2009. Soil vapor extraction with in-situ chemical oxidation and long-term monitored natural attenuation as the selected remedy. Remedy also includes previous removal actions that provided rural water hook-up to impacted residents.										MMRP Progress in FY09: No MMRP sites identified.										
IRP Progress Planned for FY10-FY11: Prepare Remedial Design, construct and monitor the remedy.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.										

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Kansas

FORMERLY USED DEFENSE SITES - GREAT BEND A-GRND GNRV R / KS79799F027900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$17,980	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2037					Total	\$0	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$17,980	\$0
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Re-alignment.

MMRP Progress Planned for FY10-FY11: No actions planned for FY10 or FY11.

FORMERLY USED DEFENSE SITES - SCHILLING AFB / KS79799F093200 / RAB / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	3	0	1	2	0	0		\$18,562	\$622	\$46	\$398	\$30	\$623	\$30	\$92	FY12	\$198	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$265	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1	\$1,068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$8,999	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	2	0	2	\$9,784	\$0	\$5	\$0	\$65	\$0	\$65	\$0	FY15	\$9,796	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$71,962
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	2	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,638
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY 2041					Total	\$29,415	\$622	\$51	\$398	\$95	\$623	\$95	\$92	FY10-Complete		\$87,600
Total IRP Sites	4	MRSPP-6	0	Total MRSs	2																	

IRP Progress in FY09: Completed 2 rounds of Semi-annual sampling and analysis of groundwater monitoring wells. Completed 4 quarters of sampling and analysis of 3 private water supply wells.

IRP Progress Planned for FY10-FY11: Continue groundwater monitoring program, including semi-annual sampling and analysis of groundwater monitoring wells and quarterly sampling of private water supply wells.

MMRP Progress in FY09: Completed Final Site Inspection Report. Initiated work on a CWM SI.

MMRP Progress Planned for FY10-FY11: Complete the SI for the CWM project.

FORMERLY USED DEFENSE SITES - SCHILLING AFB FAC S-12 / KS79799F031400

IRP Sites and MRSs by Classification				Study	0	0	1	0	0	0		\$130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$306	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,592
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2045 MRS Final RC: FY -					Total	\$130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,592
Total IRP Sites	1	MRSPP-6	0	Total MRSs	0																	

IRP Progress in FY09: Funding for the HTRW project is programmed for FY15. No activity in FY09.

IRP Progress Planned for FY10-FY11: Funding is not planned until FY15. No activity is planned for FY10 or FY11.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																										
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)									
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP							
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP

Kansas

◆ FORMERLY USED DEFENSE SITES - SCHILLING AFB FAC S-8 / KS79799F031000

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0	0			\$24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0		\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0		\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$49	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$11,051
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0		\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2044 MRS Final RC: FY -						Total	\$65	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,051
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																					

IRP Progress in FY09: No activities in FY09.

IRP Progress Planned for FY10-FY11: Funding is not planned until FY15. No activity is planned for FY09 or FY10.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

◆ FORMERLY USED DEFENSE SITES - SCHILLING AFB-FAC S-11 / KS79799F031300

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0	0			\$679	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)						\$190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$171	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0		\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0		\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,205	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,888
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0		\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2043 MRS Final RC: FY -						Total	\$91	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,888
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																					

IRP Progress in FY09: No activities in FY09.

IRP Progress Planned for FY10-FY11: Funding is not planned until FY13. No activity is planned for FY09 or FY10.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

◆ FORMERLY USED DEFENSE SITES - SCHILLING AFB-FAC S-2 / KS79799F030400

IRP Sites and MRSs by Classification				Study	0	0	1	0	0	0	0			\$488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,885	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$124	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$11,645
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041 MRS Final RC: FY -						Total	\$488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,645
Total IRP Sites	1	MRSPP-6	0	Total MRSs	0																					

IRP Progress in FY09: Funding is not planned until FY13. No activity in FY09.

IRP Progress Planned for FY10-FY11: Funding is not planned until FY13. No activity is planned for FY10 or FY11.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Kansas

FORMERLY USED DEFENSE SITES - SCHILLING AFB-FAC S-3 / KS79799F030500

IRP Sites and MRSs by Classification				Study	1	0	0	0	1	0			\$17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0	\$10	\$0	\$10	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0	\$1	\$0	\$1	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$10,325		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2044 MRS Final RC: FY -						Total	\$28	\$0	\$11	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$10,325	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																			

IRP Progress in FY09: CON/HTW project was closed; during investigation, no tanks were found. No HTW project activities in FY09.

IRP Progress Planned for FY10-FY11: No activities planned until 2018.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - SCHILLING AFB-FAC S-5 / KS79799F030700 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0			\$3,761	\$0	\$145	\$0	\$126	\$0	\$0	\$0	FY12	\$668	\$0	
Response Complete	1	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$724	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	0	\$0	\$0	\$0	\$0	\$60	\$0	\$327	\$0	FY14	\$1,021	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$184	\$0	FY15	\$145	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$10,069		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2026 MRS Final RC: FY -						Total	\$3,951	\$0	\$145	\$0	\$186	\$0	\$511	\$0	\$0	FY10-Complete	\$10,069	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																			

IRP Progress in FY09: Feasibility Study was completed in May 2009. A proposed plan has been drafted. It was determined that additional confirmation of nature and extent of contamination was needed prior to proceeding with remedy selection.

IRP Progress Planned for FY10-FY11: Conduct additional confirmation sampling, finalize the Proposed Plan and Decision Document.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - SCHILLING AFB-FAC S-7 / KS79799F030900

IRP Sites and MRSs by Classification				Study	1	0	0	0	1	0			\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$10,575		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2098 MRS Final RC: FY -						Total	\$24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$10,575	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																			

IRP Progress in FY09: No activities in FY09.

IRP Progress Planned for FY10-FY11: No activities planned until 2018.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Kentucky

FORMERLY USED DEFENSE SITES - CAMP BRECKINRIDGE / KY49799F348400 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	2	1	0	0			\$644	\$248	\$631	\$0	\$242	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$484	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0	0	0	0	2	1			\$120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$183	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$3,692
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$19,500
Not Required	1	MRSPP-5	0	No Longer Required	0																FY10-Complete		\$23,192
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1								Total	\$764	\$248	\$631	\$0	\$242	\$0	\$0			

IRP Progress in FY09: A site visit was conducted to learn stakeholder interests concerning site sampling for contamination. A contractor was acquired to provide a limited contamination study. Historic building locations were geo-referenced to aerial photographs. Plans for the study were discussed with the Commonwealth of Kentucky Division of Waste Management.

IRP Progress Planned for FY10-FY11: Plan and perform work to gather contamination data at selected locations in the former installation. Generate a report for review by the Kentucky Division of Waste Management and interested stakeholders. Provide a final report presenting the contamination study. Generate relative risk data for inclusion in the national FUDS database.

MMRP Progress in FY09: There was no MMRP work planned for FY 09. The MMRP SI for the property was completed in FY 2007.

MMRP Progress Planned for FY10-FY11: The MMRP SI for the property was completed in FY 2007. No MMRP work is planned for the next two fiscal years.

FORMERLY USED DEFENSE SITES - KENTUCKY ORDNANCE WORKS / KY49799F349600 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	6	0	1	1	0	0			\$5,264	\$184	\$0	\$0	\$10	\$0	\$0	\$0	FY12	\$2,530	\$0
Response Complete	3	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,142	\$0
High	4	MRSPP-1	0	MRSPP-7	0	0	0	0	2	1			\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,174	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	1	0	2	1			\$2,638	\$0	\$757	\$0	\$395	\$0	\$1,713	\$0	FY15	\$2,523	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$39,179
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	2	1			\$170	\$0	\$83	\$0	\$54	\$0	\$141	\$0	FY10-Comp. MMRP		\$5,666
Not Required	0	MRSPP-5	0	No Longer Required	0																FY10-Complete		\$44,845
Total IRP Sites	7	MRSPP-6	0	Total MRSs	1								Total	\$8,990	\$184	\$840	\$0	\$459	\$0	\$1,854			

IRP Progress in FY09: Work plans were provided to the Commonwealth of Kentucky Division of Waste Management and to the Department of Fish and Wildlife Resources for application of a remedy at the West Gravel Pit Area of Concern. The remedy was the rerouting of the stream tributary, application of soil cover and site contouring. The remedy was installed during FY09.

IRP Progress Planned for FY10-FY11: Confirmation is planned at suspected underground storage tank sites. Collaboration is planned with Kentucky Division of Waste Management on the human health risk from contamination of environmental media at the TNT production area. Maintenance of the remedy and groundwater sampling is to be performed at the West Gravel Pit Area of Concern.

MMRP Progress in FY09: There was no MMRP work planned for FY 09. The MMRP SI for the property was completed in FY 2007.

MMRP Progress Planned for FY10-FY11: The MMRP SI for the property was completed in FY 2007. No MMRP work is planned for the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Louisiana

ARMY - FORT POLK / LA621402071600 / C-TECH

IRP Sites and MRSs by Classification				Study	27	8	3	3	0	0			\$9,072	\$355	\$628	\$6	\$0	\$987	\$225	\$0	FY12	\$1,302	\$114	
Response Complete	25	Response Complete	8	IRA	4(6)	0(0)	0(0)	0(0)					\$5,405	\$0	\$0	\$0	\$0	\$0	\$192	\$0	FY13	\$4,274	\$156	
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	0	0	2	3	\$380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$575	\$4,247	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	1	0	3	3	\$9,827	\$0	\$1,003	\$0	\$481	\$0	\$0	\$0	FY15	\$475	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	3	RA-O	1	0	1	0	3	0	\$228	\$0	\$0	\$0	\$0	\$0	\$137	\$0	FY10-Comp. IRP		\$13,834	
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	2	0	7	1	\$2,474	\$0	\$317	\$0	\$286	\$0	\$264	\$0	FY10-Comp. MMRP		\$5,972	
Not Required	1	MRSPP-5	0	No Longer Required	8	IRP Final RC: FY 2018 MRS Final RC: FY 2015						Total	\$27,386	\$355	\$1,948	\$6	\$767	\$987	\$818	\$0	FY10-Complete		\$19,806	
Total IRP Sites	30	MRSPP-6	0	Total MRSs	11	Five-Year Review Underway																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: The Site Inspections (SI) were completed in FY09.

MMRP Progress Planned for FY10-FY11: A future plan of action will be determined based on the SI results. Anticipate Remedial Investigation/Feasibility Study (RI/FS) to start in FY10.

AIR FORCE - BARKSDALE AIR FORCE BASE / LA657212405000 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	38	10	10	12	26	0			\$9,723	\$6,203	\$0	\$0	\$0	\$0	\$0	\$1,254	FY12	\$3,260	\$2,281	
Response Complete	32	Response Complete	10	IRA	7(11)	0(0)	10(10)	0(0)					\$10,658	\$0	\$0	\$0	\$440	\$0	\$0	\$0	FY13	\$2,012	\$2,479	
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	10	12	\$261	\$0	\$0	\$0	\$0	\$0	\$563	\$0	FY14	\$1,196	\$3,258	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	10	12	\$2,265	\$0	\$0	\$0	\$0	\$0	\$1,817	\$0	FY15	\$1,110	\$340	
Low	7	MRSPP-3	0	Evaluation Pending	12	RA-O	7	0	5	0	7	12	\$5,163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$12,936	
Not Evaluated	31	MRSPP-4	0	No Known/Suspected	0	LTM	20	0	1	0	2	12	\$4,560	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,986	
Not Required	4	MRSPP-5	0	No Longer Required	10	IRP Final RC: FY 2019 MRS Final RC: FY 2014						Total	\$32,630	\$6,203	\$0	\$0	\$440	\$0	\$2,380	\$1,254	FY10-Complete		\$23,922	
Total IRP Sites	74	MRSPP-6	0	Total MRSs	22	Five-Year Review Planned for Future																		

IRP Progress in FY09: FY06-Continued monitoring 9 sites. Continued RW-48 & SS-49 RI/FS. Started SI for MU-43-MU-47. RIP for DP-36 and ST-32. Closing FT-1, OT-6, SS-8, SS-9, FT-22, WP-26, WP-27, OT-29, SD-33.

IRP Progress Planned for FY10-FY11: FY07-08: Finish CSE Ph I for 12 MRP sites. Continue SI at ERP range sites MU43-47, IRA-C & RI/FS at MU38-47. RIP RW-37. Close LF-04. Continue monitoring 8 sites. Finish RI/FS at SS49, RW48, start RA-O. PBC starts.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

FORMERLY USED DEFENSE SITES - BREEZY HILL ARTLY RG / LA69799F013600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$585	\$0	\$11	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					TECH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$60,645	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2047						Total	\$0	\$585	\$0	\$11	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$60,645
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Complete SI.

MMRP Progress Planned for FY10-FY11: Forward Final SI report to HNC for technical review of SI recommendation for a TCRA.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																										
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)									
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP							
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP

Louisiana

◆ FORMERLY USED DEFENSE SITES - CAMP CLAIBORNE / LA69799F013400 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$488	\$2,198	\$0	\$90	\$0	\$177	\$0	\$0	FY12	\$0	\$73
Response Complete	2	Response Complete	0	IRA	1(1)	1(1)	0(0)	0(0)					\$1,109	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1		\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	0		\$2,256	\$7,411	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,296
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2007 MRS Final RC: FY 2025					Total	\$4,163	\$9,609	\$0	\$90	\$0	\$177	\$0	\$0	\$0	FY10-Complete		\$10,296
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: Continue with RI/FS.
IRP Progress Planned for FY10-FY11: No actions planned.	MMRP Progress Planned for FY10-FY11: Continue with RI/FS.

◆ FORMERLY USED DEFENSE SITES - CAMP LIVINGSTON / LA69799F013500

IRP Sites and MRSs by Classification				Study	1	0	0	1	1	0			\$13	\$355	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	1		\$595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$6,864
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$1	\$0	\$0	\$0	FY10-Comp. MMRP		\$35,734
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2035 MRS Final RC: FY 2077					Total	\$1,110	\$355	\$0	\$0	\$1	\$0	\$0	\$0	\$0	FY10-Complete		\$42,598
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Completed CON/HTRW project.	MMRP Progress in FY09: No work performed.
IRP Progress Planned for FY10-FY11: No work scheduled on CON/HTRW. PCO expected in FY10. No work scheduled for BD/DR removal action.	MMRP Progress Planned for FY10-FY11: No work scheduled.

◆ FORMERLY USED DEFENSE SITES - HAMMOND BOMBING RANGE / LA69799F803900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$256	\$0	\$10	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$17,179
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2097					Total	\$0	\$256	\$0	\$10	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$17,179
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: Complete SI.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No MMRP work planned. Continue with Community Relations.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maine

NAVY - BRUNSWICK NAS / ME117002201800 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	24	0	1	3	0	0			\$12,665	\$3,182	\$301	\$967	\$0	\$1,990	\$266	\$0	FY12	\$422	\$0	
Response Complete	15	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$5,495	\$0	\$0	\$0	\$1,409	\$1,207	\$0	\$0	FY13	\$325	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$2,365	\$0	\$0	\$0	\$0	\$41	\$104	\$0	FY14	\$4,108	\$1,279	
Medium	1	MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0			\$36,817	\$0	\$0	\$0	\$1,432	\$0	\$0	\$800	FY15	\$326	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0			\$25,498	\$161	\$0	\$0	\$1,280	\$0	\$1,192	\$0	FY10-Comp. IRP		\$31,031	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0			\$1,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$7,195	
Not Required	8	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2040 MRS Final RC: FY 2019					Total	\$84,376	\$3,343	\$301	\$967	\$4,121	\$3,238	\$1,562	\$800	FY10-Complete		\$38,226		
Total IRP Sites	25	MRSPP-6	1	Total MRSs	3	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09: Refer to Page D-129.	MMRP Progress in FY09: Refer to Page D-129.
IRP Progress Planned for FY10-FY11: Refer to Page D-129.	MMRP Progress Planned for FY10-FY11: Refer to Page D-129.

NAVY - CUTLER NCTS / ME117002435500 / C-TECH

IRP Sites and MRSs by Classification				Study	1	0	8	0	0	0	REG		\$7,387	\$0	\$1,062	\$0	\$1,241	\$0	\$0	\$0	FY12	\$2,549	\$0
Response Complete	0	Response Complete	0	IRA	2(4)	0(0)	1(1)	0(0)					\$8,745	\$0	\$959	\$0	\$887	\$0	\$0	\$0	FY13	\$214	\$0
High	3	MRSPP-1	0	MRSPP-7	1	0	0	0	2	0			\$0	\$0	\$0	\$0	\$69	\$0	\$0	\$0	FY14	\$236	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	2	0		\$702	\$0	\$0	\$0	\$0	\$0	\$1,702	\$0	FY15	\$177	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	3	0		\$0	\$0	\$0	\$0	\$0	\$0	\$33	\$0	FY10-Comp. IRP		\$21,121
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	3	0	\$78	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2036 MRS Final RC: FY -					Total	\$16,912	\$0	\$2,021	\$0	\$2,197	\$0	\$1,735	\$0	FY10-Complete		\$21,121	
Total IRP Sites	9	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Prepared for Site 4 RI by developing DQOs; Removed metal debris from Site 2 & continued RI; Continued Site 3 hot spot removal; Completed Site 1 IRA; Conducted regular mtgs/calls; and Continued assessing AOCs.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: 10: Prepare DD for Site 1 & Site 3; Complete Site 2 IRA; Begin Site 4 RI; Add new sites & complete PA/SI; & Conduct regular mtgs/calls 11: Prepare DD for Site 2; Continue RI at Site 4; Begin RI @ new sites; Conduct mtgs/calls	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - PORTSMOUTH NSY / ME117002201900 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	27	1	7	0	0	0	REG	REG	\$22,157	\$107	\$272	\$0	\$562	\$0	\$610	\$0	FY12	\$3,202	\$0	
Response Complete	24	Response Complete	0	IRA	5(6)	0(0)	2(2)	0(0)			REG	REG	\$27,671	\$0	\$46	\$0	\$613	\$0	\$540	\$0	FY13	\$4,925	\$0	
High	6	MRSPP-1	0	MRSPP-7	0	0	3	0	1	0	REG	REG	\$504	\$0	\$279	\$0	\$0	\$0	\$143	\$0	FY14	\$3,480	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	REG	REG	\$4,695	\$0	\$52	\$0	\$67	\$0	\$1,928	\$0	FY15	\$1,298	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	1	0	3	0	\$726	\$0	\$330	\$0	\$350	\$0	\$355	\$0	FY10-Comp. IRP		\$32,077	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	7	0	\$50	\$0	\$0	\$0	\$0	\$0	\$41	\$0	FY10-Comp. MMRP		\$0	
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2037 MRS Final RC: FY 2010					Total	\$55,803	\$107	\$979	\$0	\$1,592	\$0	\$3,617	\$0	FY10-Complete		\$32,077		
Total IRP Sites	34	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09: Refer to Page D-158.	MMRP Progress in FY09: Refer to Page D-158.
IRP Progress Planned for FY10-FY11: Refer to Page D-158.	MMRP Progress Planned for FY10-FY11: Refer to Page D-158.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)															
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP													
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																
Maine																																
◆ AIR FORCE - LORING AFB / ME157002452200 / NPL / BRAC 1991 / RAB																																
IRP Sites and MRSs by Classification										Study	64	8	0	0	0	0			\$18,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$928	\$0			
Response Complete	50	Response Complete	8	IRA		33(37)	0(0)	0(0)	0(0)									\$6,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$826	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	0	0						\$3,727	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$617	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	14	1	0	0	0	0						\$68,927	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$681	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	14	0	0	0						\$38,790	\$0	\$1,510	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$15,318			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	8	0	3	0						\$4,482	\$0	\$520	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0			
Not Required	14	MRSPP-5	0	No Longer Required	8	IRP Final RC: FY 2301 MRS Final RC: FY 1999						Total	\$141,188	\$0	\$2,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$15,318			
Total IRP Sites	64	MRSPP-6	0	Total MRSs	8	Five-Year Review Completed and Planned for Future																										
IRP Progress in FY09: Refer to Page D-109.										MMRP Progress in FY09: Refer to Page D-109.																						
IRP Progress Planned for FY10-FY11: Refer to Page D-109.										MMRP Progress Planned for FY10-FY11: Refer to Page D-109.																						
◆ FORMERLY USED DEFENSE SITES - DEBLOIS PREC BOMB RNG / ME19799F207400																																
IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$186	\$0	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,622			
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2048						Total	\$0	\$186	\$0	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,622			
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																											
IRP Progress in FY09: No IRP sites identified.										MMRP Progress in FY09: The MMRP SI was completed in June 2009. The SI identified one MRS and recommended a RI/FS.																						
IRP Progress Planned for FY10-FY11: No IRP sites identified.										MMRP Progress Planned for FY10-FY11: Future work is dependent upon the availability of funding. No work is currently planned.																						
◆ FORMERLY USED DEFENSE SITES - DOW PREC BMBG RNG / ME19799F199800																																
IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$166	\$0	\$166	\$0	\$15	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$16,623			
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2052						Total	\$0	\$166	\$0	\$166	\$0	\$15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$16,623			
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																											
IRP Progress in FY09: No IRP sites identified.										MMRP Progress in FY09: The Archive Search Report was updated in FY09 to include range information and the MMRP SI was initiated shortly after.																						
IRP Progress Planned for FY10-FY11: No IRP sites identified.										MMRP Progress Planned for FY10-FY11: The SI is scheduled for completion in late FY10. Future work will depend on the results of the SI and funding availability.																						

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maryland

ARMY - ABERDEEN PROVING GROUND / MD321382135500 / NPL / RAB

IRP Sites and MRSs by Classification				Study	192	13	72	14	0	0			\$249,411	\$6,666	\$306	\$6,110	\$0	\$702	\$0	\$0	FY12	\$19,700	\$0
Response Complete	180	Response Complete	13	IRA	86(121)	0(0)	4(4)	0(0)					\$76,908	\$0	\$175	\$0	\$0	\$0	\$41	\$0	FY13	\$12,472	\$10,515
High	1	MRSPP-1	0	MRSPP-7	0	Design	63	0	36	0	13	13	\$8,120	\$0	\$0	\$0	\$362	\$0	\$352	\$0	FY14	\$5,285	\$2,735
Medium	59	MRSPP-2	11	MRSPP-8	0	RA-C	67	0	40	0	13	13	\$222,803	\$0	\$1,647	\$0	\$7,176	\$0	\$7,644	\$0	FY15	\$5,476	\$22,406
Low	10	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	17	0	6	0	\$34,174	\$0	\$4,211	\$0	\$3,733	\$0	\$4,880	\$0	FY10-Comp. IRP		\$179,743
Not Evaluated	6	MRSPP-4	1	No Known/Suspected	0	LTM	1	0	30	0	18	13	\$8,147	\$0	\$875	\$0	\$1,038	\$0	\$555	\$0	FY10-Comp. MMRP		\$84,363
Not Required	8	MRSPP-5	0	No Longer Required	13	IRP Final RC: FY 2043 MRS Final RC: FY 2017						Total	\$599,563	\$6,666	\$7,214	\$6,110	\$12,309	\$702	\$13,472	\$0	FY10-Complete		\$264,106
Total IRP Sites	264	MRSPP-6	1	Total MRSs	27	Five-Year Review Completed																	

IRP Progress in FY09:	Refer to Page D-11.
IRP Progress Planned for FY10-FY11:	Refer to Page D-11.

MMRP Progress in FY09:	Refer to Page D-11.
MMRP Progress Planned for FY10-FY11:	Refer to Page D-11.

ARMY - BLOSSOM POINT RESEARCH FACILITY / MD321382100200 / C-TECH

IRP Sites and MRSs by Classification				Study	26	2	0	3	0	0			\$1,397	\$855	\$0	\$0	\$0	\$726	\$0	\$0	FY12	\$0	\$147
Response Complete	26	Response Complete	2	IRA	0(0)	0(0)	0(0)	2(2)					\$49	\$1,917	\$0	\$70	\$0	\$73	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$191
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$7,451
Low	0	MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,055
Not Required	0	MRSPP-5	1	No Longer Required	2	IRP Final RC: FY 1997 MRS Final RC: FY 2016						Total	\$1,446	\$2,772	\$0	\$70	\$0	\$799	\$0	\$0	FY10-Complete		\$10,055
Total IRP Sites	26	MRSPP-6	0	Total MRSs	5																		

IRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	No actions planned.

MMRP Progress in FY09:	The NTCRA in BPF-002-R-01 and BPF-002-R-03 will be implemented in FY09.
MMRP Progress Planned for FY10-FY11:	The NTCRA at BPF-002-R-01 and BPF-002-R-03 will be completed by September 2011. The NTCRA includes the construction of a shoreline revetment at BPF-002-R-01 to prevent further erosion of MEC and munition debris from the shoreline. In addition, surface sweeps for MEC will be conducted annually. Public education will also be conducted. The remedial investigation/feasibility study (RI/FS) for BPF-002-R-01, BPF-002-R-03, and BPF-002-R-01 is currently programmed to begin in FY11.

ARMY - FOREST GLEN / MD321162460500

IRP Sites and MRSs by Classification				Study	0	0	6	0	0	0	CONT		\$300	\$0	\$300	\$0	\$2,082	\$0	\$0	\$0	FY12	\$4,170	\$0
Response Complete	0	Response Complete	0	IRA	1(1)	0(0)	1(1)	0(0)					\$55	\$0	\$55	\$0	\$0	\$0	\$0	\$0	FY13	\$261	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	6	0	CONT	\$0	\$0	\$0	\$0	\$0	\$0	\$238	\$0	FY14	\$321	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	6	0	CONT	\$0	\$0	\$0	\$0	\$0	\$0	\$4	\$0	FY15	\$298	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$47	\$0	FY10-Comp. IRP		\$12,434
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	5	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY -						Total	\$355	\$0	\$355	\$0	\$2,082	\$0	\$289	\$0	FY10-Complete		\$12,434
Total IRP Sites	6	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09:	Fiscal year (FY09) is the start for the Forest Glen Installation Restoration Program (IRP).
IRP Progress Planned for FY10-FY11:	Award contract to begin the remedial investigation / feasibility study (RI/FS) process.

MMRP Progress in FY09:	No MMRP sites identified.
MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maryland

ARMY - FORT DETRICK / MD321162026700 / NPL / RAB / C-TECH / C-REG

IRP Sites and MRSs by Classification				Study	43	0	1	0	0	0			\$10,137	\$0	\$3	\$0	\$6,003	\$0	\$0	\$0	FY12	\$121	\$0
Response Complete	41	Response Complete	0	IRA	1(1)	0(0)	1(1)	0(0)					\$26,083	\$0	\$0	\$0	\$0	\$0	\$3	\$0	FY13	\$299	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$119	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	3	0	0	0	\$7,421	\$0	\$125	\$0	\$42	\$0	\$0	\$0	FY15	\$121	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	3	0	0	0	\$314	\$0	\$159	\$0	\$262	\$0	\$236	\$0	FY10-Comp. IRP		\$10,224
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	9	0	2	0	\$146	\$0	\$0	\$0	\$0	\$0	\$4	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY -						Total	\$44,101	\$0	\$287	\$0	\$6,307	\$0	\$243	\$0	FY10-Complete		\$10,224
Total IRP Sites	44	MRSPP-6	0	Total MRSs	0	Five-Year Review Underway																	

IRP Progress in FY09: Refer to Page D-64.

IRP Progress Planned for FY10-FY11: Refer to Page D-64.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

ARMY - FORT GEORGE G MEADE / MD321022056700 / NPL / BRAC 1988 / RAB / C-REG

IRP Sites and MRSs by Classification				Study	28	8	17	1	0	0			\$36,014	\$1,517	\$3,467	\$10	\$183	\$26	\$0	\$0	FY12	\$5,725	\$396
Response Complete	27	Response Complete	8	IRA	0(0)	0(0)	0(0)	0(0)					\$1,430	\$0	\$7	\$0	\$0	\$0	\$0	\$0	FY13	\$450	\$145
High	10	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$2,659	\$1,275	\$0	\$0	\$52	\$0	\$272	\$9	FY14	\$413	\$92
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$51,578	\$1,425	\$12,247	\$0	\$3,974	\$0	\$258	\$0	FY15	\$384	\$240
Low	5	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$845	\$0	\$0	\$0	\$3,400	\$0	\$254	\$0	FY10-Comp. IRP		\$19,513
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$2,296	\$2,146	\$64	\$68	\$91	\$285	\$108	\$62	FY10-Comp. MMRP		\$3,269
Not Required	0	MRSPP-5	0	No Longer Required	8	IRP Final RC: FY 2042 MRS Final RC: FY 2012						Total	\$94,822	\$6,363	\$15,785	\$78	\$7,700	\$311	\$892	\$71	FY10-Complete		\$22,782
Total IRP Sites	45	MRSPP-6	0	Total MRSs	9	Five-Year Review Completed and Underway																	

IRP Progress in FY09: Refer to Page D-68.

IRP Progress Planned for FY10-FY11: Refer to Page D-68.

MMRP Progress in FY09: Refer to Page D-68.

MMRP Progress Planned for FY10-FY11: Refer to Page D-68.

NAVY - INDIAN HEAD NSWC / MD317002410900 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	60	6	8	26	2	0	FUND	FUND	\$20,204	\$6,275	\$879	\$367	\$740	\$235	\$0	\$1,043	FY12	\$5,245	\$4,164
Response Complete	42	Response Complete	1	IRA	8(14)	0(0)	0(0)	0(0)					\$6,945	\$720	\$0	\$0	\$0	\$0	\$841	\$1,050	FY13	\$2,959	\$6,401
High	9	MRSPP-1	0	MRSPP-7	1	Design	17	0	1	0	9	2	\$4,795	\$0	\$183	\$0	\$188	\$0	\$285	\$0	FY14	\$925	\$6,639
Medium	4	MRSPP-2	0	MRSPP-8	7	RA-C	5	0	3	2	13	21	\$11,848	\$2,395	\$2,411	\$0	\$1,953	\$0	\$2,099	\$0	FY15	\$393	\$5,171
Low	4	MRSPP-3	5	Evaluation Pending	2	RA-O	0	0	0	0	6	0	\$0	\$0	\$0	\$0	\$300	\$0	\$50	\$0	FY10-Comp. IRP		\$40,477
Not Evaluated	1	MRSPP-4	3	No Known/Suspected	1	LTM	3	0	2	1	17	10	\$1,414	\$333	\$294	\$0	\$506	\$23	\$844	\$0	FY10-Comp. MMRP		\$34,505
Not Required	10	MRSPP-5	10	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2020						Total	\$45,206	\$9,723	\$3,767	\$367	\$3,687	\$258	\$4,119	\$2,093	FY10-Complete		\$74,982
Total IRP Sites	70	MRSPP-6	3	Total MRSs	32	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-93.

IRP Progress Planned for FY10-FY11: Refer to Page D-93.

MMRP Progress in FY09: Refer to Page D-93.

MMRP Progress Planned for FY10-FY11: Refer to Page D-93.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maryland

◆ **NAVY - PATUXENT RIVER NAS / MD317002453600 / NPL / RAB / C-TECH**

IRP Sites and MRSs by Classification				Study	54	0	4	1	6	0			\$13,653	\$868	\$549	\$546	\$1,675	\$0	\$1,525	\$0	FY12	\$5,604	\$0
Response Complete	45	Response Complete	0	IRA	9(9)	0(0)	0(0)	0(0)					\$16,313	\$0	\$0	\$0	\$560	\$0	\$0	\$0	FY13	\$2,675	\$0
High	4	MRSPP-1	0	MRSPP-7	0	0	0	0	9	0			\$3,591	\$0	\$0	\$0	\$269	\$0	\$113	\$0	FY14	\$1,195	\$0
Medium	8	MRSPP-2	0	MRSPP-8	0	RA-C	13	0	1	0	9	0	\$19,946	\$0	\$895	\$0	\$1,560	\$0	\$1,893	\$0	FY15	\$5,673	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	3	0	1	0	1	0	\$2,193	\$0	\$18	\$0	\$146	\$0	\$0	\$0	FY10-Comp. IRP		\$29,376
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	4	0	4	0	\$5,421	\$0	\$327	\$0	\$368	\$0	\$339	\$0	FY10-Comp. MMRP		\$1,903
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2021						Total	\$61,117	\$868	\$1,789	\$546	\$4,578	\$0	\$3,870	\$0	FY10-Complete		\$31,279
Total IRP Sites	64	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-151.

IRP Progress Planned for FY10-FY11: Refer to Page D-151.

MMRP Progress in FY09: Refer to Page D-151.

MMRP Progress Planned for FY10-FY11: Refer to Page D-151.

◆ **AIR FORCE - ANDREWS AIR FORCE BASE / MD357182400000 / NPL / BRAC 2005 Realignment / C-EST**

IRP Sites and MRSs by Classification				Study	26	0	5	1	26	5	REG		\$21,544	\$1,470	\$0	\$1,433	\$0	\$0	\$0	\$544	FY12	\$3,678	\$0
Response Complete	16	Response Complete	0	IRA	18(27)	0(0)	0(0)	0(0)					\$18,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,965	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	5	0	7	0	1		\$10,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,370	\$489
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	6	0	2	6	\$38,722	\$0	\$4,754	\$0	\$0	\$0	\$0	\$0	FY15	\$1,594	\$24,507
Low	4	MRSPP-3	0	Evaluation Pending	6	RA-O	1	0	7	0	8	0	\$4,891	\$0	\$2,031	\$0	\$837	\$0	\$5,567	\$0	FY10-Comp. IRP		\$30,932
Not Evaluated	26	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	4	0	15	6	\$958	\$0	\$285	\$0	\$770	\$0	\$643	\$0	FY10-Comp. MMRP		\$25,639
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY 2014						Total	\$95,125	\$1,470	\$7,070	\$1,433	\$1,607	\$0	\$6,210	\$544	FY10-Complete		\$56,571
Total IRP Sites	57	MRSPP-6	0	Total MRSs	6	Five-Year Review Planned for Future																	

IRP Progress in FY09: Refer to Page D-22.

IRP Progress Planned for FY10-FY11: Refer to Page D-22.

MMRP Progress in FY09: Refer to Page D-22.

MMRP Progress Planned for FY10-FY11: Refer to Page D-22.

◆ **FORMERLY USED DEFENSE SITES - ASSATEAGUE ISLAND / MD39799F143900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$319	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0	0	\$0	\$23	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$27,548	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2021						Total	\$0	\$342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$27,548
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: There was no progress made at this site in FY2009. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.

MMRP Progress Planned for FY10-FY11: There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Maryland

FORMERLY USED DEFENSE SITES - CATOCTIN RECREATION DEMO AREA / MD39799F140100

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,265		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2032						Total	\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$18,265	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																					

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: There was no progress made at the site in FY2009. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.

MMRP Progress Planned for FY10-FY11: There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed		Underway		Future		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	IRP	MMRP	IRP	MMRP	IRP	MMRP																Sites (Actions)					

Massachusetts

ARMY - DEVENS RESERVE TRAINING FACILITY / MA121042027000 / NPL / BRAC 1991/2005 Realignment / RAB

IRP Sites and MRSs by Classification				Study	74	10	2	2	0	0			\$36,189	\$509	\$0	\$279	\$1,721	\$529	\$163	\$0	FY12	\$4,844	\$0	
Response Complete	70	Response Complete	10	IRA	0(0)	0(0)	0(0)	0(0)					\$3,545	\$0	\$0	\$0	\$615	\$0	\$610	\$0	FY13	\$5,607	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$11,027	\$0	\$0	\$0	\$0	\$0	\$513	\$0	FY14	\$3,180	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0			\$75,256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,424	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0			\$2,198	\$0	\$617	\$0	\$352	\$0	\$297	\$0	FY10-Comp. IRP		\$31,278	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0			\$22,782	\$0	\$1,308	\$0	\$0	\$0	\$528	\$0	FY10-Comp. MMRP		\$529	
Not Required	4	MRSPP-5	0	No Longer Required	10	IRP Final RC: FY 2042 MRS Final RC: FY 2011					Total	\$150,997	\$509	\$1,925	\$279	\$2,688	\$529	\$2,111	\$0	FY10-Complete		\$31,807		
Total IRP Sites	76	MRSPP-6	0	Total MRSs	12	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09: Refer to Page D-65.

IRP Progress Planned for FY10-FY11: Refer to Page D-65.

MMRP Progress in FY09: Refer to Page D-65.

MMRP Progress Planned for FY10-FY11: Refer to Page D-65.

ARMY - SOLDIER SYSTEMS CENTER / MA121382063100 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	17	0	0	0	0	0			\$26,242	\$0	\$125	\$0	\$0	\$0	\$0	\$0	FY12	\$285	\$0	
Response Complete	12	Response Complete	0	IRA	8(10)	0(0)	0(0)	0(0)					\$1,713	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$200	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	0		\$84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$638	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	1	0	0		\$9,581	\$0	\$416	\$0	\$2,470	\$0	\$0	\$0	FY15	\$297	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	0		\$5,864	\$0	\$688	\$0	\$265	\$0	\$278	\$0	FY10-Comp. IRP		\$12,535	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	3	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	4	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2029 MRS Final RC: FY -					Total	\$43,484	\$0	\$1,229	\$0	\$2,735	\$0	\$278	\$0	FY10-Complete		\$12,535		
Total IRP Sites	17	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																		

IRP Progress in FY09: Refer to Page D-188.

IRP Progress Planned for FY10-FY11: Refer to Page D-188.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - BEDFORD NWIRP / MA117002357000 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	2	0	2	0	0	0	REG		\$8,687	\$0	\$570	\$0	\$0	\$0	\$0	\$0	FY12	\$4,233	\$0
Response Complete	2	Response Complete	0	IRA	2(5)	0(0)	0(0)	0(0)					\$9,668	\$0	\$212	\$0	\$919	\$0	\$0	\$0	FY13	\$9,063	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0		\$1,074	\$0	\$0	\$0	\$949	\$0	\$0	\$0	FY14	\$10,810	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	2	0		\$4,436	\$0	\$0	\$0	\$216	\$0	\$516	\$0	FY15	\$2,332	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	2	0		\$0	\$0	\$0	\$0	\$0	\$0	\$43	\$0	FY10-Comp. IRP		\$37,702
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2036 MRS Final RC: FY -					Total	\$23,865	\$0	\$782	\$0	\$2,084	\$0	\$559	\$0	FY10-Complete		\$37,702	
Total IRP Sites	4	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Refer to Page D-29.

IRP Progress Planned for FY10-FY11: Refer to Page D-29.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase		Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP					

Massachusetts

◆ **FORMERLY USED DEFENSE SITES - NANTUCKET BCH / MA19799F195800**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$113	\$0	\$113	\$0	\$178	\$0	\$10	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	1(1)	0(0)	0(0)				\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,346	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2023						Total	\$0	\$123	\$0	\$113	\$0	\$178	\$0	\$10	FY10-Complete		\$10,346	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: The MMRP SI was awarded at the end of FY09.

MMRP Progress Planned for FY10-FY11: The majority of the effort on the MMRP SI will be conducted in FY10 with an anticipated FY11 completion. Future work is dependent on the results of the SI and funding availability.

◆ **FORMERLY USED DEFENSE SITES - QUABBIN BOMB RNG / MA19799FA10500**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$302	\$0	\$16	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,353	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2076						Total	\$0	\$302	\$0	\$16	\$0	\$0	\$0	\$0	FY10-Complete		\$11,353	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: The MMRP SI Final Report was received on July 31, 2009. The SI designated 5 MRS. The SI recommended that 4 of the 5 MRS continue to RI/FS.

MMRP Progress Planned for FY10-FY11: No work is currently planned due to limited MMRP funding.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Michigan

AIR FORCE - K.I. SAWYER AFB / MI557002476000 / BRAC 1993 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	30	4	0	0	0	0			\$13,727	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	20	Response Complete	4	IRA	9(13)	0(0)	0(0)	0(0)					\$9,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$5,807	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	1	0	0	0		\$15,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$957	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	10	0	0		\$14,558	\$0	\$736	\$0	\$3,999	\$0	\$0	\$0	FY10-Comp. IRP		\$24,073
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	9	0	7		\$1,208	\$0	\$81	\$0	\$462	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	10	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2038 MRS Final RC: FY 2007						Total	\$60,129	\$0	\$817	\$0	\$4,461	\$0	\$0	\$0	FY10-Complete		\$24,073
Total IRP Sites	30	MRSPP-6	0	Total MRSs	4	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-98.	MMRP Progress in FY09:	Refer to Page D-98.
IRP Progress Planned for FY10-FY11:	Refer to Page D-98.	MMRP Progress Planned for FY10-FY11:	Refer to Page D-98.

AIR FORCE - SELFRIDGE AIR GUARD BASE / MI557282426200 / BRAC 2005 Realignment / C-EST

IRP Sites and MRSs by Classification				Study	37	13	0	4	14	1	REG		\$3,271	\$8,178	\$0	\$7,272	\$0	\$0	\$0	\$1,107	FY12	\$480	\$885	
Response Complete	29	Response Complete	10	IRA	3(4)	0(0)	0(0)	3(3)					\$3,516	\$4,745	\$0	\$3,325	\$0	\$0	\$0	\$0	FY13	\$392	\$272	
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	1		\$3,517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$141	\$1,630	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	1	CONT	\$8,119	\$0	\$3,357	\$0	\$0	\$0	\$0	\$0	FY15	\$127	\$5,803	
Low	0	MRSPP-3	1	Evaluation Pending	3	RA-O	0	0	7	0	0		\$443	\$0	\$0	\$0	\$586	\$0	\$0	\$0	FY10-Comp. IRP		\$3,895	
Not Evaluated	14	MRSPP-4	0	No Known/Suspected	12	LTM	1	0	2	0	7	1		\$334	\$0	\$0	\$0	\$180	\$0	\$306	\$0	FY10-Comp. MMRP		\$9,948
Not Required	8	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2012 MRS Final RC: FY 2018						Total	\$19,200	\$12,923	\$3,357	\$10,597	\$766	\$0	\$306	\$1,107	FY10-Complete		\$13,843	
Total IRP Sites	51	MRSPP-6	1	Total MRSs	18																			

IRP Progress in FY09:	FFS completed. Implemented RAC for sites 17, 22, 23, 29, and 34. Sites 22 requires additional work due to unforeseen contamination, and groundwater remediation is still required at site 23. Excavation related activities completed for all sites.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	Continue work at Sites 22 and 23. Complete PP/ROD and start RAC at sites 20,21,24-27, Award PP/ROD and RAC contract for site 37	MMRP Progress Planned for FY10-FY11:	No actions planned.

AIR FORCE - WURTSMITH AFB / MI557002427800 / Proposed NPL / BRAC 1991 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	60	5	2	4	0	0		\$17,381	\$173	\$0	\$0	\$198	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	40	Response Complete	4	IRA	22(35)	0(0)	0(0)	0(0)					\$4,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	1	0		\$6,804	\$0	\$0	\$0	\$53	\$0	\$0	\$0	FY14	\$0	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	1	0		\$13,897	\$0	\$0	\$0	\$107	\$0	\$0	\$0	FY15	\$1,222	\$0
Low	1	MRSPP-3	0	Evaluation Pending	5	RA-O	1	0	17	0	5	0		\$19,770	\$0	\$1,481	\$0	\$5,675	\$0	\$0	\$0	FY10-Comp. IRP		\$19,501
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	2	19	0		\$822	\$0	\$0	\$0	\$765	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	17	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2047 MRS Final RC: FY 2010						Total	\$62,675	\$173	\$1,481	\$0	\$6,798	\$0	\$0	\$0	FY10-Complete		\$19,501	
Total IRP Sites	62	MRSPP-6	0	Total MRSs	9	Five-Year Review Underway and Planned for Future																		

IRP Progress in FY09:	Refer to Page D-202.	MMRP Progress in FY09:	Refer to Page D-202.
IRP Progress Planned for FY10-FY11:	Refer to Page D-202.	MMRP Progress Planned for FY10-FY11:	Refer to Page D-202.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

Michigan

FORMERLY USED DEFENSE SITES - FORT CUSTER REC/INDUSTRIAL AREAS / MI59799F225300

IRP Sites and MRSs by Classification				Study	6	0	1	1	0	0			\$994	\$193	\$50	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	6	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	1	\$384	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	0	1	\$575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$1,311	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	0	1	\$254	\$0	\$41	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$18,645	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2029					Total	\$2,207	\$193	\$91	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$19,956	
Total IRP Sites	7	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: The property draft final Preliminary Assessment is in review. Comments by the Michigan Department of Environmental Quality have been received. The Louisville District Office of Counsel is reviewing the PA. A comprehensive site visit and project review was conducted with MDEQ.</p> <p>IRP Progress Planned for FY10-FY11: The PA is planned for final. The Project Delivery Team will address PRP issues. MMRP concerns need to be developed. An addendum to the PA could resolve continued MDEQ areas of concerns issues along with closing out some open UST issues.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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FORMERLY USED DEFENSE SITES - KINCHELOE AIR FORCE BASE / MI59799F226000 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	9	0	2	1	0	0			\$17,363	\$146	\$21	\$0	\$42	\$0	\$0	\$0	\$0	FY12	\$1,956	\$0
Response Complete	6	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,132	\$0
High	3	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	1	\$2,336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,340	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	2	1	\$6,042	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,275	FY15	\$1,671	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	3	0	0	0	2	0	\$2,180	\$0	\$546	\$0	\$0	\$0	\$0	\$61	\$0	FY10-Comp. IRP	\$21,664	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	3	0	4	1	\$290	\$0	\$8	\$0	\$75	\$0	\$273	\$0	\$0	FY10-Comp. MMRP	\$13,502	
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2022 MRS Final RC: FY 2029					Total	\$29,046	\$146	\$575	\$0	\$117	\$0	\$7,609	\$0	\$0	\$0	FY10-Complete	\$35,166	
Total IRP Sites	11	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: Draft RIs completed on sites US99, Industrial Area, Site-wide Areas, Landfills, Fire Training Area, and Fuel Storage Area. Draft final RI received for US99, Landfills, Fire Training Area, and Fuel Storage Area. The background metals groundwater report was completed. Two RAB meetings were held in the past year.</p> <p>IRP Progress Planned for FY10-FY11: Final RI reports are expected for US99 and Landfills. The Total Environmental Restoration Contract for the property is planned for closure in December 2009.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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FORMERLY USED DEFENSE SITES - WURTSMITH BOMBING GUNNERY RANGE / MI59799FA23600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$146	\$0	\$146	\$0	\$10	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$19,883	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2032					Total	\$0	\$146	\$0	\$146	\$0	\$10	\$0	\$0	\$0	\$0	FY10-Complete	\$19,883	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

<p>IRP Progress in FY09: No IRP sites identified.</p> <p>IRP Progress Planned for FY10-FY11: No IRP sites identified.</p>	<p>MMRP Progress in FY09: A Technical Project Planning meeting was held in February to determine MEC presents. A Project Planning Memorandum went final in August documenting the planning cycle. A draft site specific work plan was issued in August.</p> <p>MMRP Progress Planned for FY10-FY11: Field work is planned for the upcoming year based on the A Technical Project Planning Memorandum and work plan.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed				Underway				Future				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP														IRP	MMRP

Minnesota

ARMY - TWIN CITIES ARMY AMMUNITION PLANT / MN521382090800 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification					Study	24	0	2	0	0	0			\$17,074	\$0	\$0	\$0	\$360	\$0	\$0	\$0	FY12	\$1,171	\$0	
Response Complete	15	Response Complete	0		IRA	9(14)	0(0)	0(0)	0(0)					\$15,206	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,282	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	21	0	0	0	0	0		\$9,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,214	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	19	0	2	0	0	0		\$92,090	\$0	\$199	\$0	\$0	\$0	\$0	\$0	FY15	\$1,328	\$0	
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	10	0	8	0	0	0		\$25,536	\$0	\$1,136	\$0	\$1,151	\$0	\$1,238	\$0	FY10-Comp. IRP		\$35,918	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	9	0	4	0		\$1,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039 MRS Final RC: FY -						Total	\$160,868	\$0	\$1,335	\$0	\$1,511	\$0	\$1,238	\$0	FY10-Complete		\$35,918		
Total IRP Sites	26	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Underway																			

IRP Progress in FY09: Refer to Page D-186.

IRP Progress Planned for FY10-FY11: Refer to Page D-186.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

AIR FORCE - DULUTH INTERNATIONAL AIRPORT / MN557282847300 / BRAC 2005 Realignment / C-EST

IRP Sites and MRSs by Classification					Study	16	0	0	5	2	0			\$4,208	\$2,142	\$0	\$1,455	\$0	\$664	\$0	\$538	FY12	\$0	\$1,347
Response Complete	12	Response Complete	0		IRA	3(3)	0(0)	0(0)	0(0)					\$546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$531
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	0		\$1,071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$84	\$3,609
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	0	1		\$3,072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$227	\$0
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	4	0	0	1		\$3,279	\$0	\$220	\$0	\$1,548	\$0	\$1,690	\$0	FY10-Comp. IRP		\$3,892
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	4	0	0	1		\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$6,838
Not Required	4	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2014 MRS Final RC: FY 2016						Total	\$12,676	\$2,142	\$220	\$1,455	\$1,548	\$664	\$1,690	\$538	FY10-Complete		\$10,730	
Total IRP Sites	18	MRSPP-6	0	Total MRSs	5																			

IRP Progress in FY09: Continued cleanup of fuel storage area and groundwater monitoring of four additional sites.

IRP Progress Planned for FY10-FY11: Initiate full implementation of chemical injections at site 3,4,21, and 23.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Mississippi

◆ FORMERLY USED DEFENSE SITES - GULF ORDNANCE PLANT / MS49799F000500 / C-EST

IRP Sites and MRSs by Classification				Study	5	0	0	1	0	0			\$777	\$152	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	5	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	1		\$203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	1		\$516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	1		\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,113
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2002 MRS Final RC: FY 2045					Total	\$1,498	\$152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$18,113
Total IRP Sites	5	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: MMRP SI is complete. Will request funds for RI/FS in future years.

MMRP Progress Planned for FY10-FY11: No action planned.

◆ FORMERLY USED DEFENSE SITES - MEEHAN RANGE / MS49799F743800

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$167	\$0	\$16	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$14,204
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2062					Total	\$0	\$167	\$0	\$16	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$14,204
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP-SI COMPLETE. RI/FS planned for future years.

MMRP Progress Planned for FY10-FY11: No action planned.

◆ FORMERLY USED DEFENSE SITES - MISSISSIPPI ORD PLANT / MS49799F007700 / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$12	\$191	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	1		\$599	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$19,317
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2005 MRS Final RC: FY 2055					Total	\$670	\$191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$19,317
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: MMRP-SI has been completed. Funding for the RI/FS will be requested in future years.

MMRP Progress Planned for FY10-FY11: No action planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Missouri

ARMY - FORT LEONARD WOOD / MO721372097900 / C-TECH

IRP Sites and MRSs by Classification										Study	61	4	15	9	0	0			\$27,278	\$594	\$907	\$163	\$0	\$23	\$0	\$1,670	FY12	\$465	\$0		
Response Complete	59	Response Complete	4							IRA	4(4)	0(0)	1(1)	0(0)					\$1,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$43	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	3	0	0	4						\$79	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$44	\$161	
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	6	0	1	4						\$2,715	\$0	\$1,093	\$0	\$474	\$0	\$2,336	\$0	\$0	FY15	\$45	\$2,747		
Low	7	MRSPP-3	3	Evaluation Pending	3	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$15,076		
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	2	LTM	0	0	1	0	8	2						\$0	\$0	\$0	\$0	\$0	\$0	\$3,565	\$0	\$0	FY10-Comp. MMRP		\$5,543		
Not Required	0	MRSPP-5	1	No Longer Required	4	IRP Final RC: FY 2014 MRS Final RC: FY 2017						Total	\$31,466	\$594	\$2,000	\$163	\$474	\$23	\$5,901	\$1,670	FY10-Complete		\$20,619								
Total IRP Sites	76	MRSPP-6	0	Total MRSs	13	Five-Year Review Planned for Future																									

<p>IRP Progress in FY09: A remedial investigation (RI) was completed at FLW-002 and 003. A Phase I performance-based contract (PBC) for the remaining investigations and cleanups is underway. A Phase II PBC for remedy at FLW-002 and FLW-003 is also underway. Field work on the remedy is complete.</p> <p>IRP Progress Planned for FY10-FY11: Remedy-in-place (RIP) is expected at FLW-002 and FLW-003.</p>	<p>MMRP Progress in FY09: The SI was completed in fiscal year (FY)09.</p> <p>MMRP Progress Planned for FY10-FY11: The RI is scheduled to begin in FY11.</p>
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ARMY - LAKE CITY ARMY AMMUNITION PLANT / MO721382048900 / NPL / RAB

IRP Sites and MRSs by Classification										Study	37	0	0	0	0	0			\$31,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,558	\$0
Response Complete	19	Response Complete	0							IRA	6(9)	0(0)	0(0)	0(0)					\$40,828	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,122	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	0						\$5,644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,112	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	0	0	0	0						\$59,324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,165	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	18	0	0	0						\$7,163	\$0	\$1,180	\$0	\$1,513	\$0	\$1,532	\$0	\$0	FY10-Comp. IRP		\$72,313		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	13	0	2	0						\$1,358	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	18	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2038 MRS Final RC: FY -						Total	\$145,553	\$0	\$2,180	\$0	\$1,513	\$0	\$1,532	\$0	FY10-Complete		\$72,313								
Total IRP Sites	37	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																									

<p>IRP Progress in FY09: Refer to Page D-102.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-102.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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FORMERLY USED DEFENSE SITES - RICHARDS-GEBAUR AFB / MO79799F039500

IRP Sites and MRSs by Classification										Study	2	0	1	0	1	0			\$3,409	\$0	\$0	\$0	\$0	\$0	\$1	\$0	FY12	\$2,786	\$0		
Response Complete	2	Response Complete	0							IRA	1(1)	0(0)	0(0)	0(0)					\$495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,908	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,386	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	1	0						\$464	\$0	\$8	\$0	\$47	\$0	\$397	\$0	\$0	FY15	\$1,184	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$14,225		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY -						Total	\$4,368	\$0	\$8	\$0	\$47	\$0	\$398	\$0	FY10-Complete		\$14,225								
Total IRP Sites	4	MRSPP-6	0	Total MRSs	0																										

<p>IRP Progress in FY09: Ongoing negotiations with the property owner.</p> <p>IRP Progress Planned for FY10-FY11: Plan is to complete negotiations.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Missouri

FORMERLY USED DEFENSE SITES - TYSON VALLEY POWDER FARM / MO79799F036900

IRP Sites and MRSs by Classification						Study	1	1	1	0	0	0			\$14,305	\$144	\$595	\$11	\$1,542	\$0	\$718	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$1,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	0			\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$388	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$14,675	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY 2010						Total	\$15,345	\$144	\$595	\$11	\$1,542	\$0	\$718	\$0	FY10-Complete	\$14,675			
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																				

<p>IRP Progress in FY09: Performed bi-annual groundwater sampling, completed site-wide RI field work, installed additional monitoring wells in support of the RI and initiated the Site-Wide RI Report & BLRA and Historical Site Use Technical Memorandum. Completed the 2009 GW Monitoring Work Plan, Site-Wide (Phase IV) RI QCSR, Feb 2009 DSR and 2008 GW Monitoring Report.</p> <p>IRP Progress Planned for FY10-FY11: Complete Groundwater and soil investigations and reporting. Conduct 2010 & 2011 Groundwater sampling, monitoring and reporting. Evaluate natural attenuation in a plume moving towards the Meramec River. Complete the Site-wide Remedial Investigation Report. Complete the Baseline Risk Assessment. Prepare the Feasibility Study.</p>	<p>MMRP Progress in FY09: SI in progress.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Nebraska

ARMY - CORNHUSKER ARMY AMMUNITION PLANT / NE721382023400 / NPL

IRP Sites and MRSs by Classification				Study	66	0	0	1	0	0			\$10,441	\$254	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,722	\$10
Response Complete	65	Response Complete	0	IRA	63(240)	0(0)	0(0)	1(2)					\$14,366	\$5,515	\$0	\$5,515	\$0	\$201	\$0	\$209	FY13	\$1,157	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	0	0	\$5,835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,238	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	0	\$14,166	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,199	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	0	0	\$13,841	\$0	\$2,418	\$0	\$2,128	\$0	\$1,693	\$0	FY10-Comp. IRP		\$17,279
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	8	0	2	0	1	0	\$8,551	\$0	\$19	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$420
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2013					Total	\$67,200	\$5,769	\$2,437	\$5,515	\$2,128	\$201	\$1,693	\$209	FY10-Complete		\$17,699	
Total IRP Sites	66	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Underway																	

IRP Progress in FY09: Refer to Page D-41.

IRP Progress Planned for FY10-FY11: Refer to Page D-41.

MMRP Progress in FY09: Refer to Page D-41.

MMRP Progress Planned for FY10-FY11: Refer to Page D-41.

AIR FORCE - OFFUTT AIR FORCE BASE / NE757212464800 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	28	0	0	5	5	1			\$11,915	\$653	\$0	\$216	\$0	\$1,367	\$0	\$1,208	FY12	\$285	\$2,675
Response Complete	21	Response Complete	0	IRA	11(18)	0(0)	0(0)	0(0)					\$14,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$462	\$2,560
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	0	5	\$2,554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$409	\$2,798
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	0	0	0	5	\$3,712	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$233	\$556
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	4	0	5	0	0	5	\$6,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$2,518
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	5	0	4	5	\$2,128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,620
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2014					Total	\$41,555	\$653	\$0	\$216	\$0	\$1,367	\$0	\$1,208	FY10-Complete		\$16,138	
Total IRP Sites	33	MRSPP-6	0	Total MRSs	6	Five-Year Review Planned for Future																	

IRP Progress in FY09: FY06-Continue RA-C/RA-O at OT-18, SS-40, SD-41, LF-42. Continue RA-O at FT-3, LF-12, LF-13, LF-16, ST-17 and SD-35. Continue PBC with closeout for most in FY09/10. Then RAO for 5 sites 5-10 yr then closeout.

IRP Progress Planned for FY10-FY11: FY07-08: Continue monitoring/ops/remedy suppl at FT-3, LF-12, LF-13, ST-17, OT-18, SD-35, SS-40, SD-41, LF-42. Continue remedy supplements at 6 sites.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

FORMERLY USED DEFENSE SITES - ALLIANCE AAF / NE79799F041700

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0			\$229	\$0	\$5	\$0	\$852	\$0	\$114	\$0	FY12	\$247	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0	\$294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	0	\$507	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$29,612
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY -					Total	\$1,030	\$0	\$5	\$0	\$852	\$0	\$114	\$0	FY10-Complete		\$29,612	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Preliminary work performed by NE DEQ has identified this site as a low risk/low priority start. Additional investigation will be initiated when funding becomes available.

IRP Progress Planned for FY10-FY11: Additional investigation will be initiated when funding becomes available.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Nevada

ARMY - HAWTHORNE ARMY DEPOT / NV921382295000

IRP Sites and MRSs by Classification										Study	129	4	0	13	0	0			\$14,352	\$271	\$0	\$41	\$0	\$9,198	\$0	\$0	FY12	\$147	\$0	
Response Complete	123	Response Complete	4				IRA	12(12)	0(0)	0(0)	0(0)								\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$183	\$299
High	0	MRSPP-1	0	MRSPP-7	0	Design	42	0	0	0	0	12							\$603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$144	\$5,605
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	66	0	5	0	0	12							\$26,241	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$125	\$35,725	
Low	2	MRSPP-3	0	Evaluation Pending	13	RA-O	8	0	2	0	0	0							\$3,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$3,053	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	11	0	1	12							\$2,453	\$0	\$311	\$0	\$2,170	\$0	\$135	\$0	FY10-Comp. MMRP		\$284,072	
Not Required	1	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2016 MRS Final RC: FY 2017						Total	\$47,605	\$271	\$311	\$41	\$2,170	\$9,198	\$135	\$0	FY10-Complete			\$287,125						
Total IRP Sites	129	MRSPP-6	0	Total MRSs	17	Five-Year Review Completed and Planned for Future																								

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: A site inspection (SI) is underway and anticipated to be completed in FY09.

MMRP Progress Planned for FY10-FY11: The remedial investigation/feasibility study (RI/FS) phase is anticipated to start in FY10.

NAVY - FALLON NAS / NV917002217300 / RAB / C-TECH

IRP Sites and MRSs by Classification										Study	29	0	0	0	2	0	FUND		\$18,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,743	\$0
Response Complete	17	Response Complete	0				IRA	4(4)	0(0)	0(0)	0(0)		FUND						\$7,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$687	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	0	2	0	TECH						\$482	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,806	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	1	0	1	0							\$1,580	\$0	\$1,188	\$0	\$558	\$0	\$600	\$0	FY15	\$493	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	3	0	3	0							\$1,541	\$0	\$1,541	\$0	\$865	\$0	\$976	\$0	FY10-Comp. IRP		\$15,889	
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	7	0	1	0							\$1,299	\$0	\$457	\$0	\$263	\$0	\$400	\$0	FY10-Comp. MMRP		\$0	
Not Required	10	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY -						Total	\$30,538	\$0	\$3,186	\$0	\$1,686	\$0	\$1,976	\$0	FY10-Complete			\$15,889						
Total IRP Sites	31	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																								

IRP Progress in FY09: Additional investigations required at sites 1, 2, 3, 6, 14, 16, and UST 01. Regrading and LTM at sites 20, 21 and 22.

IRP Progress Planned for FY10-FY11: Complete investigation report and complete sie 16 AS/SVE pilot study for plume containment. Regrading and LTM at sites 20, 21 and 22. Site 18 shows minor contaminants and may require more sampling.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - CAMP DESERT ROCK / NV99799F601100

IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0				IRA	0(0)	0(0)	0(0)	0(0)								\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,626
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2110						Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete			\$13,626						
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																									

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No actions are planned due to the site being owned and managed by DOE.

MMRP Progress Planned for FY10-FY11: NDAI document to be submitted to NDEP as there are no future planned activities on this site as it is owned and managed by DOE.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Nevada

FORMERLY USED DEFENSE SITES - NELLIS SMALL ARMS RGE AX / NV99799F602000

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$31,653	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2036						Total	\$0	\$214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$31,653
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: MMRP Site Inspection Report Completed/Finalized July 30, 2007.

MMRP Progress Planned for FY10-FY11: No work anticipated for next two years until Baseline MMRP SIs are completed.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Jersey

ARMY - FORT MONMOUTH / NJ221382059700 / BRAC 2005 Closure / RAB / C-REG

IRP Sites and MRSs by Classification				Study	54	1	1	0	0	0			\$6,517	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$302	\$0
Response Complete	43	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$43	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0			\$817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$43	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0			\$12,707	\$0	\$0	\$0	\$160	\$0	\$0	\$0	FY15	\$43	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0			\$4,880	\$0	\$893	\$0	\$4,922	\$0	\$0	\$0	FY10-Comp. IRP		\$10,477
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0			\$3,300	\$0	\$130	\$0	\$4,407	\$0	\$480	\$0	FY10-Comp. MMRP		\$0
Not Required	10	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2011 MRS Final RC: FY 2008					Total	\$28,489	\$193	\$1,023	\$0	\$9,489	\$0	\$480	\$0	FY10-Complete		\$10,477	
Total IRP Sites	55	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-73.
IRP Progress Planned for FY10-FY11:	Refer to Page D-73.

MMRP Progress in FY09:	Refer to Page D-73.
MMRP Progress Planned for FY10-FY11:	Refer to Page D-73.

ARMY - PICATINNY ARSENAL / NJ221382070400 / NPL / RAB

IRP Sites and MRSs by Classification				Study	140	4	38	10	0	0			\$67,295	\$3,603	\$120	\$0	\$10	\$30	\$0	\$0	FY12	\$878	\$3,586
Response Complete	135	Response Complete	4	IRA	14(15)	2(3)	0(0)	4(6)					\$7,746	\$7,156	\$0	\$4,398	\$0	\$1,437	\$0	\$2,158	FY13	\$683	\$2,976
High	12	MRSPP-1	0	MRSPP-7	0	Design	8	0	15	0	1	10	\$457	\$0	\$0	\$0	\$0	\$0	\$165	\$0	FY14	\$621	\$1,303
Medium	21	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	18	0	2	10	\$36,689	\$0	\$2,020	\$0	\$0	\$0	\$52	\$0	FY15	\$613	\$4,518
Low	5	MRSPP-3	4	Evaluation Pending	0	RA-O	1	0	13	0	3	0	\$1,976	\$0	\$0	\$0	\$45	\$0	\$1,944	\$0	FY10-Comp. IRP		\$13,414
Not Evaluated	2	MRSPP-4	3	No Known/Suspected	0	LTM	0	0	8	0	28	10	\$8	\$0	\$0	\$0	\$5	\$0	\$93	\$0	FY10-Comp. MMRP		\$82,637
Not Required	3	MRSPP-5	3	No Longer Required	4	IRP Final RC: FY 2061 MRS Final RC: FY 2016					Total	\$114,171	\$10,759	\$2,140	\$4,398	\$60	\$1,467	\$2,254	\$2,158	\$0	FY10-Complete		\$96,051
Total IRP Sites	178	MRSPP-6	0	Total MRSs	14	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-156.
IRP Progress Planned for FY10-FY11:	Refer to Page D-156.

MMRP Progress in FY09:	Refer to Page D-156.
MMRP Progress Planned for FY10-FY11:	Refer to Page D-156.

NAVY - LAKEHURST NAWCAD / NJ217002727400 / NPL / RAB

IRP Sites and MRSs by Classification				Study	45	1	0	5	0	0			\$9,632	\$1,568	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,900	\$0
Response Complete	36	Response Complete	0	IRA	25(36)	0(0)	0(0)	0(0)					\$1,367	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,900	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	2		\$2,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,305	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	0	3		\$18,846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$490	\$0
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	2	0	9	0	0		\$28,787	\$0	\$2,232	\$0	\$2,015	\$0	\$2,016	\$0	FY10-Comp. IRP		\$23,214
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	5		\$464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$33,065
Not Required	9	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2049 MRS Final RC: FY 2017					Total	\$61,297	\$1,568	\$2,232	\$0	\$2,015	\$0	\$2,016	\$0	FY10-Complete		\$56,279	
Total IRP Sites	45	MRSPP-6	0	Total MRSs	6	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-103.
IRP Progress Planned for FY10-FY11:	Refer to Page D-103.

MMRP Progress in FY09:	Refer to Page D-103.
MMRP Progress Planned for FY10-FY11:	Refer to Page D-103.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																						
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						
New Jersey																						
◆ NAVY - TRENTON NAWC / NJ217002269500 / BRAC 1993 / RAB																						
IRP Sites and MRSs by Classification										Study	11	0	0	0	0	0	0					
Response Complete	10	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)													
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0	0									
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	0	0	0	0	0									
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	0	0	0									
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	0	0									
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039 MRS Final RC: FY -					Total	\$27,502	\$0	\$358	\$0	\$758	\$0	\$758	\$0	FY10-Complete	\$19,787	
Total IRP Sites	11	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																
IRP Progress in FY09: Refer to Page D-183.										MMRP Progress in FY09: No MMRP sites identified.												
IRP Progress Planned for FY10-FY11: Refer to Page D-183.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.												
◆ AIR FORCE - MCGUIRE AIR FORCE BASE / NJ257182401800 / NPL / RAB / C-EST																						
IRP Sites and MRSs by Classification										Study	4	0	38	0	30	0	REG					
Response Complete	3	Response Complete	0	IRA		6(8)	0(0)	1(1)	0(0)													
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	22	0	14	0	REG									
Medium	21	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	24	0	14	0	REG									
Low	17	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	36	0										
Not Evaluated	30	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0										
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2032 MRS Final RC: FY -					Total	\$73,022	\$0	\$2,736	\$0	\$8,253	\$0	\$30,817	\$0	FY10-Complete	\$130,015	
Total IRP Sites	72	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																
IRP Progress in FY09: Refer to Page D-119.										MMRP Progress in FY09: No MMRP sites identified.												
IRP Progress Planned for FY10-FY11: Refer to Page D-119.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.												
◆ FORMERLY USED DEFENSE SITES - FT HANCOCK / NJ29799F692400 / C-EST																						
IRP Sites and MRSs by Classification										Study	2	0	1	1	0	0						
Response Complete	1	Response Complete	0	IRA		0(0)	1(1)	0(0)	0(0)													
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	1	0	0	1										
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	1	0	0										
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0										
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	1	0										
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2031 MRS Final RC: FY 2024					Total	\$2,537	\$2,150	\$0	\$826	\$0	\$60	\$0	\$120	\$0	FY10-Complete	\$15,867
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1																	
IRP Progress in FY09: None.										MMRP Progress in FY09: The RI/FS was initiated with a late FY09 award.												
IRP Progress Planned for FY10-FY11: No work is anticipated on the HTRW, BD/DR or CON/HTRW work in the next two years.										MMRP Progress Planned for FY10-FY11: RI/FS efforts will begin in FY10 and continue for several years.												

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Jersey

◆ FORMERLY USED DEFENSE SITES - MILLVILLE BOMB&GUN RGE / NJ29799F098500

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$217	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$30,142	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2035					Total	\$0	\$217	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$30,142	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: None.

MMRP Progress Planned for FY10-FY11: RI/FS not likely to be initiated - subject to the availability of funds for MMRP efforts.

◆ FORMERLY USED DEFENSE SITES - RARITAN ARSN-TA ED PK / NJ29799F095700 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	9	1	1	1	0	0		\$30,079	\$508	\$345	\$0	\$1,240	\$0	\$9	\$106	FY12	\$368	\$693	
Response Complete	9	Response Complete	1	IRA	3(3)	2(2)	0(0)	0(0)				\$10,567	\$131	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$333	\$708	
High	1	MRSPP-1	0	MRSPP-7	0	Design	3	1	1	0	0	\$661	\$33	\$0	\$0	\$0	\$0	\$147	\$0	FY14	\$775	\$962	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	1	1	1	0	\$16,052	\$8,475	\$659	\$3,619	\$0	\$550	\$0	\$265	FY15	\$954	\$802	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$46,956	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	1	0	0	1	\$0	\$16	\$0	\$10	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$7,941	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2031 MRS Final RC: FY 2019					Total	\$57,359	\$9,163	\$1,004	\$3,629	\$1,240	\$550	\$156	\$371	FY10-Complete		\$54,897	
Total IRP Sites	10	MRSPP-6	0	Total MRSs	2																		

IRP Progress in FY09: Rem Inv for Area 18E. Draft gw FS for the site. 2 Pilot Tests for in-situ treatment of chl. solvents in gw plume AOC-2. Reductions in gw contaminants. Site Wide HHRA assessment for soil, sw and sediment. Indoor Air monitoring for 10 blids and installed a passive vapor mitigation system in 1 building. Asphalt Cap for Area 4 which has TNT in soils.

IRP Progress Planned for FY10-FY11: Final GW FS for site with a DD and start gw LTM program. Rem Investigations for Area 18E. Finish pilot tests and reporting at AOC-2. Completion of Eco Risk Mgmt Plan & Proposed Rem. Goals for HH Risk. Ongoing Indoor Air LTM program consisting of semi-annual sampling of 10 buildings. NOFA DDs for select Soil AOCs within the Arsenal.

MMRP Progress in FY09: Ordnance clearing activities on part of Area 12.

MMRP Progress Planned for FY10-FY11: Continue ordnance clearance of Area 12, subject to availability of funds.

◆ FORMERLY USED DEFENSE SITES - TUCKAHOE ROCKET RNG / NJ29799F104200

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0		\$0	\$144	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,170	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2039					Total	\$0	\$144	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,170	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: None.

MMRP Progress Planned for FY10-FY11: No work is anticipated at this site due to limited MMRP funding.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Mexico

AIR FORCE - KIRTLAND AIR FORCE BASE / NM657182442300 / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	80	6	2	31	12	0			\$21,711	\$5,785	\$393	\$0	\$0	\$7,316	\$0	\$3,300	FY12	\$2,901	\$87,744	
Response Complete	75	Response Complete	6	IRA	29(35)	2(2)	4(6)	3(3)					\$24,383	\$4,115	\$3,102	\$0	\$3,087	\$0	\$1,106	\$0	FY13	\$3,376	\$48,016	
High	1	MRSPP-1	0	MRSPP-7	2	Design	6	0	0	0	2	20	\$2,180	\$0	\$0	\$0	\$681	\$0	\$0	\$0	FY14	\$2,234	\$104,447	
Medium	2	MRSPP-2	0	MRSPP-8	7	RA-C	8	0	1	0	2	30	\$40,245	\$0	\$0	\$0	\$0	\$0	\$1,939	\$0	FY15	\$2,130	\$108,974	
Low	1	MRSPP-3	2	Evaluation Pending	14	RA-O	1	0	4	0	3	19	\$2,590	\$0	\$638	\$0	\$1,373	\$0	\$1,329	\$0	FY10-Comp. IRP		\$44,648	
Not Evaluated	12	MRSPP-4	1	No Known/Suspected	0	LTM	9	0	2	0	7	30	\$2,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$400,797	
Not Required	3	MRSPP-5	5	No Longer Required	6	IRP Final RC: FY 2034 MRS Final RC: FY 2020						Total	\$93,195	\$9,900	\$4,133	\$0	\$5,141	\$7,316	\$4,374	\$3,300	FY10-Complete		\$445,445	
Total IRP Sites	94	MRSPP-6	0	Total MRSs	37																			

<p>IRP Progress in FY09: Initiated IRAs at five sites and completed IRAs at one site and one AOC. One IRA became the final remedy. Reduced high relative risk site count from 7 to 6. Restoration-In-Place achieved at 12 sites.</p> <p>IRP Progress Planned for FY10-FY11: Recommend NFRAP at 7. Close out nine AOCs and achieve site closure at three sites. Increase RAB membership and provide RAB members with human and ecological risk training. Reduce high relative risk count from 6 to 5. Initiate RA at three sites.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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FORMERLY USED DEFENSE SITES - CARLSBAD AAF / NM69799F614700 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	1	4	1	0	0			\$575	\$259	\$562	\$0	\$124	\$0	\$1,002	\$0	FY12	\$1,749	\$0	
Response Complete	0	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$175	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	4	1	\$38	\$0	\$0	\$0	\$2	\$0	\$0	\$0	FY14	\$2,068	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	4	1	\$222	\$0	\$0	\$0	\$0	\$0	\$59	\$0	FY15	\$2,126	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,023	
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,376	
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2017 MRS Final RC: FY 2030						Total	\$835	\$259	\$562	\$0	\$126	\$0	\$1,061	\$0	FY10-Complete		\$18,399	
Total IRP Sites	5	MRSPP-6	0	Total MRSs	2																			

<p>IRP Progress in FY09: Site Inspections awarded for all the IRP projects located on the property.</p> <p>IRP Progress Planned for FY10-FY11: Site Inspections will be completed and RR computed. Projects which continue forward will be prioritized to meet the 2020 goal.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: MMRP activities for this property not currently planned for the next two fiscal years.</p>
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FORMERLY USED DEFENSE SITES - FORT SUMNER AAF / NM69799F621700 / C-EST

IRP Sites and MRSs by Classification				Study	0	0	4	0	1	0			\$1,238	\$0	\$1,238	\$0	\$115	\$0	\$2,954	\$0	FY12	\$26	\$0	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$320	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	4	0	\$140	\$0	\$140	\$0	\$2	\$0	\$0	\$0	FY14	\$5,451	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$53	\$0	FY15	\$3,644	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$17,493	
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY -						Total	\$1,378	\$0	\$1,378	\$0	\$117	\$0	\$3,007	\$0	FY10-Complete		\$17,493	
Total IRP Sites	5	MRSPP-6	0	Total MRSs	0																			

<p>IRP Progress in FY09: SI awarded for all IRP projects on the property.</p> <p>IRP Progress Planned for FY10-FY11: SIs to be completed and RR calculated. Projects which progress beyond the SI phase will be prioritized to meet the 2020 goal.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New Mexico

◆ **FORMERLY USED DEFENSE SITES - FORT SUMNER AIR TO GGR / NM69799F622100**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	4			\$0	\$172	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	5	Design	0	0	0	0	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$21,630	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2023					Total	\$0	\$172	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$21,630
Total IRP Sites	0	MRSPP-6	0	Total MRSs	5																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No actions planned.

◆ **FORMERLY USED DEFENSE SITES - GUADALUPE BOMB & GUN RGE / NM69799F613900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$480	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$348,631	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2109					Total	\$0	\$480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$348,631
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: No actions planned.

◆ **FORMERLY USED DEFENSE SITES - HOBBS AFB / NM69799F623000 / C-EST**

IRP Sites and MRSs by Classification				Study	1	0	5	0	0	0			\$1,378	\$0	\$1,378	\$0	\$200	\$0	\$3,228	\$0	FY12	\$761	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$470	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,388	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,565	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$17,295	
Not Evaluated	5	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY -					Total	\$1,378	\$0	\$1,378	\$0	\$200	\$0	\$3,228	\$0	\$0	FY10-Complete		\$17,295
Total IRP Sites	6	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: SI awarded for all IRP projects identified on the property during the PA.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: Complete SI and calculate RR. Prioritize projects which move beyond the SI phase to meet the 2020 goal.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New York

ARMY - SENECA ARMY DEPOT ACTIVITY / NY221382083000 / NPL / BRAC 1995 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	70	9	2	4	0	0			\$32,212	\$100	\$0	\$0	\$0	\$80	\$0	\$136	FY12	\$443	\$97
Response Complete	69	Response Complete	9	IRA	9(9)	1(1)	0(0)	1(1)					\$12,991	\$6,157	\$0	\$0	\$0	\$17,465	\$0	\$0	FY13	\$431	\$167
High	2	MRSPP-1	0	MRSPP-7	0	Design	3	1	0	0	1		\$5,358	\$60	\$0	\$0	\$0	\$0	\$0	\$39	FY14	\$405	\$151
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	1	1	0	1		\$39,630	\$4,720	\$0	\$0	\$708	\$0	\$0	\$477	FY15	\$333	\$151
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	1	0	1	0	0		\$740	\$0	\$305	\$0	\$216	\$0	\$216	\$0	FY10-Comp. IRP		\$7,180
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	5	1	4		\$1,363	\$214	\$270	\$0	\$243	\$2	\$190	\$2	FY10-Comp. MMRP		\$21,843
Not Required	1	MRSPP-5	0	No Longer Required	9	IRP Final RC: FY 2022		MRS Final RC: FY 2013				Total	\$92,294	\$11,251	\$575	\$0	\$1,167	\$17,547	\$406	\$654	FY10-Complete		\$29,023
Total IRP Sites	72	MRSPP-6	0	Total MRSs	13	Five-Year Review Planned for Future																	

IRP Progress in FY09: Refer to Page D-173.

IRP Progress Planned for FY10-FY11: Refer to Page D-173.

MMRP Progress in FY09: Refer to Page D-173.

MMRP Progress Planned for FY10-FY11: Refer to Page D-173.

ARMY - WEST POINT MIL RESERVATION / NY221462091500

IRP Sites and MRSs by Classification				Study	32	7	0	13	0	0			\$3,200	\$548	\$0	\$0	\$0	\$40	\$0	\$0	FY12	\$3,110	\$126
Response Complete	30	Response Complete	7	IRA	5(6)	1(1)	0(0)	1(1)					\$1,482	\$812	\$0	\$674	\$0	\$0	\$0	\$0	FY13	\$402	\$1,001
High	0	MRSPP-1	0	MRSPP-7	0	Design	12	0	0	0	13	TECH	\$2,503	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$408	\$14,177
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	14	0	1	0	13	CONT	\$7,232	\$0	\$72	\$0	\$18	\$0	\$0	\$0	FY15	\$565	\$18,495
Low	0	MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$20,166
Not Evaluated	2	MRSPP-4	5	No Known/Suspected	0	LTM	0	0	16	0	13		\$8,606	\$0	\$5,513	\$0	\$318	\$0	\$1,703	\$0	FY10-Comp. MMRP		\$41,639
Not Required	0	MRSPP-5	7	No Longer Required	7	IRP Final RC: FY 2011		MRS Final RC: FY 2015				Total	\$23,023	\$1,360	\$5,585	\$674	\$336	\$40	\$1,703	\$0	FY10-Complete		\$61,805
Total IRP Sites	32	MRSPP-6	0	Total MRSs	20	Five-Year Review Completed																	

IRP Progress in FY09: Inspections and groundwater monitoring were conducted at 15 sites through a performance-based acquisition (PBA) awarded in 2008.

IRP Progress Planned for FY10-FY11: The PBA will support annual physical inspections and groundwater monitoring.

MMRP Progress in FY09: An interim removal action was underway for site WSTPT-001-R-01. There were no activities occurring at the remaining sites.

MMRP Progress Planned for FY10-FY11: A remedial investigation/feasibility study (RI/FS) is anticipated to start in FY10.

NAVY - BETHPAGE NWIRP / NY217002216200 / RAB / C-REG

IRP Sites and MRSs by Classification				Study	3	0	1	0	0	0			\$5,149	\$0	\$1,563	\$0	\$200	\$0	\$279	\$0	FY12	\$3,160	\$0
Response Complete	2	Response Complete	0	IRA	3(9)	0(0)	1(1)	0(0)					\$5,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,036	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$1,238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$4,826	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	1	TECH	\$28,588	\$0	\$2,117	\$0	\$1,172	\$0	\$6,510	\$0	FY15	\$20,624	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$45,846
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2022		MRS Final RC: FY -				Total	\$40,510	\$0	\$3,680	\$0	\$1,372	\$0	\$6,789	\$0	FY10-Complete		\$45,846
Total IRP Sites	4	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Installed APUs and SSDs in Residents Homes. Finalized Construction and Operated Treatment Plant at GM-38. Prepared GM-75 Workplan. Held 2 RABs.

IRP Progress Planned for FY10-FY11: 2010: Install and operate SVE containment system, O&M for GM-38 and APU and SSDs. Soil and groundwater PCB Investigation at Site 1. Aqua Design. Soil Investigation at Site 4. 3 RABs. 2011: GAC Construction at Aqua. FS for Site 4.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New York

NAVY - CALVERTON NWIRP / NY217002379400 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	12	0	1	0	0	0			\$6,565	\$0	\$0	\$0	\$600	\$0	\$166	\$0	FY12	\$1,172	\$0	
Response Complete	9	Response Complete	0	IRA	4(10)	0(0)	0(0)	0(0)					\$13,684	\$0	\$3,308	\$0	\$1,622	\$0	\$0	\$0	FY13	\$1,380	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	Design	2	0	1	0	2	0	\$724	\$0	\$0	\$0	\$0	\$0	\$417	\$0	FY14	\$1,404	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	3	0	0	0	\$11,202	\$0	\$1,150	\$0	\$0	\$0	\$1,041	\$0	FY15	\$2,611	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	3	0	\$1,335	\$0	\$338	\$0	\$322	\$0	\$406	\$0	FY10-Comp. IRP		\$23,372	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	4	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041 MRS Final RC: FY -						Total	\$33,510	\$0	\$4,796	\$0	\$2,544	\$0	\$2,030	\$0	FY10-Complete		\$23,372	
Total IRP Sites	13	MRSPP-6	0	Total MRSs	0	Five-Year Review Planned for Future																		

<p>IRP Progress in FY09: Continued operation of AS/SVE at Site 7. Continued Off-Site GW investigation at Southern Area. Excavation of Source Area Soil at 6A, 10B and 2. Held 3 RAB meetings.</p> <p>IRP Progress Planned for FY10-FY11: 2010: GW confirmation sampling and Off site GW delineation. Operate AS/SVE. EE/CA for PRSC water line. Annual GW sampling. GW treatment Site 10B. 2011: Install PRSC water line. Annual GW monitoring All Sites. Shut down SVE. FS & Treat Study.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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AIR FORCE - GRIFFISS AFB / NY257002445100 / NPL / BRAC 1993/1995 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	65	12	3	0	0	0			\$58,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	49	Response Complete	12	IRA	38(47)	0(0)	0(0)	0(0)					\$9,037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	1	0	\$10,739	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	5	MRSPP-2	0	MRSPP-8	0	RA-C	15	2	0	0	1	0	\$52,905	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	13	0	2	0	\$7,234	\$0	\$2,149	\$0	\$5,423	\$0	\$3,797	\$0	FY10-Comp. IRP		\$21,689	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	23	2	9	0	\$8,811	\$0	\$0	\$0	\$0	\$0	\$3,951	\$0	FY10-Comp. MMRP		\$0	
Not Required	13	MRSPP-5	0	No Longer Required	12	IRP Final RC: FY 2050 MRS Final RC: FY 2004						Total	\$147,388	\$0	\$2,149	\$0	\$5,423	\$0	\$7,748	\$0	FY10-Complete		\$21,689	
Total IRP Sites	68	MRSPP-6	0	Total MRSs	12	Five-Year Review Completed and Planned for Future																		

<p>IRP Progress in FY09: Refer to Page D-85.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-85.</p>	<p>MMRP Progress in FY09: Refer to Page D-85.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-85.</p>
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AIR FORCE - PLATTSBURGH AFB / NY257002477400 / NPL / BRAC 1993 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	39	6	3	0	0	0			\$19,579	\$0	\$0	\$0	\$1,309	\$0	\$0	\$0	FY12	\$0	\$0	
Response Complete	33	Response Complete	6	IRA	17(25)	0(0)	0(0)	0(0)					\$6,657	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	2	MRSPP-1	0	MRSPP-7	0	Design	6	0	0	0	1	0	\$5,982	\$0	\$0	\$0	\$1,259	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	5	2	1	0	2	0	\$16,441	\$0	\$0	\$0	\$2,611	\$0	\$0	\$0	FY15	\$1,049	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	4	0	2	0	\$11,689	\$0	\$1,224	\$0	\$620	\$0	\$0	\$0	FY10-Comp. IRP		\$19,570	
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	6	0	6	0	\$4,341	\$0	\$56	\$0	\$1,452	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	4	MRSPP-5	0	No Longer Required	6	IRP Final RC: FY 2084 MRS Final RC: FY 2003						Total	\$64,689	\$0	\$1,280	\$0	\$7,251	\$0	\$0	\$0	FY10-Complete		\$19,570	
Total IRP Sites	42	MRSPP-6	0	Total MRSs	6	Five-Year Review Underway and Planned for Future																		

<p>IRP Progress in FY09: Refer to Page D-157.</p> <p>IRP Progress Planned for FY10-FY11: Refer to Page D-157.</p>	<p>MMRP Progress in FY09: Refer to Page D-157.</p> <p>MMRP Progress Planned for FY10-FY11: Refer to Page D-157.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

New York

FORMERLY USED DEFENSE SITES - IONA ISLAND NAVAL AMMUNITION DEPOT / NY29799F125000 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	1	0			\$3	\$249	\$0	\$0	\$0	\$0	\$525	\$0	FY12	\$451	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$275	\$0
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$384	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,209	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$48,872
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$3,372
Not Required	1	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1								Total	\$3	\$249	\$0	\$0	\$0	\$0	\$525	\$0	FY10-Complete	\$52,244

IRP Progress in FY09: None.

IRP Progress Planned for FY10-FY11: An HTRW RI/FS may be initiated in FY11, subject to availability of funds.

MMRP Progress in FY09: None.

MMRP Progress Planned for FY10-FY11: Final SI was completed in FY08. No work is currently scheduled for the next two fiscal years due to limited funding availability.

FORMERLY USED DEFENSE SITES - LAKE ONTARIO ORDNANCE WORKS / NY29799F734500 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	5	0	1	0	0	0			\$20,255	\$0	\$860	\$0	\$899	\$0	\$1,252	\$0	FY12	\$489	\$0
Response Complete	5	Response Complete	0	IRA	3(3)	0(0)	0(0)	0(0)					\$5,557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$341	\$0
High	1	MRSPP-1	0	MRSPP-7	0	0	1	0	0	0			\$2,891	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$500	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	1	0			\$1,668	\$0	\$32	\$0	\$0	\$0	\$0	\$0	FY15	\$516	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$31,073
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	6	MRSPP-6	0	Total MRSs	0								Total	\$30,371	\$0	\$892	\$0	\$899	\$0	\$1,252	\$0	FY10-Complete	\$31,073

IRP Progress in FY09: Completion of CON/HTRW project. Working on PCO with State of NY. Ongoing RI/FS efforts include property management action plans, human health and ecological risk assessments.

IRP Progress Planned for FY10-FY11: Anticipate INPR amendment which will break current HTRW project into smaller projects. Ongoing RI/FS efforts.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - MITCHEL FIELD / NY29799F117800

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$177	\$263	\$0	\$33	\$0	\$20	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1	1			\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$244	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$400	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$2,092
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,604
Not Required	1	MRSPP-5	0	No Longer Required	0																		
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1								Total	\$181	\$263	\$0	\$33	\$0	\$20	\$0	FY10-Complete	\$15,696	

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: MMRP SI efforts were conducted in FY09.

MMRP Progress Planned for FY10-FY11: Final SI report is due in FY10. RI/FS start will depend on SI outcome and availability of funding. No work is currently scheduled in the next two years beyond the SI.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

New York

FORMERLY USED DEFENSE SITES - NEW YORK ORDNANCE WORKS / NY29799F110500 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	1	0	0	1	0			\$21	\$223	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0	\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0	\$317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$12,628	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2008					Total	\$365	\$223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$12,628	\$0
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: None.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: No work is anticipated/scheduled during the next two fiscal years.	MMRP Progress Planned for FY10-FY11: No actions planned.

FORMERLY USED DEFENSE SITES - PLUM ISLAND ANIMAL RESEARCH CENTER / NY29799F105600 / C-REG / C-EST

IRP Sites and MRSs by Classification				Study	3	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$640	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$11,622	\$0
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	\$0
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY -					Total	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$11,622	\$0
Total IRP Sites	4	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: None.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: No work is planned during the next two fiscal years.	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - SUFFOLK CO AAF&B&C RGE / NY29799F122300

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$221	\$0	\$25	\$0	\$10	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$16,802	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2030					Total	\$0	\$221	\$0	\$25	\$0	\$10	\$0	\$0	\$0	FY10-Complete	\$16,802	\$0
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: MMRP SI work conducted in FY09.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: Final SI report due in FY10. RI/FS not scheduled in next two fiscal years due to funding limitations.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

North Carolina

NAVY - CAMP LEJEUNE MCB / NC417302258000 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	179	5	2	12	3	4			\$49,161	\$3,765	\$326	\$297	\$322	\$361	\$349	\$1,474	FY12	\$5,055	\$4,054	
Response Complete	129	Response Complete	0	IRA	23(23)	0(0)	0(0)	0(0)					\$31,655	\$0	\$125	\$0	\$0	\$0	\$0	\$0	FY13	\$4,410	\$2,887	
High	7	MRSPP-1	0	MRSPP-7	0	Design	36	4	1	0	4	6	\$4,542	\$0	\$0	\$0	\$0	\$0	\$113	\$0	FY14	\$3,337	\$2,585	
Medium	0	MRSPP-2	0	MRSPP-8	2	RA-C	37	4	4	0	6	15	\$32,785	\$0	\$4,281	\$0	\$2,457	\$200	\$2,682	\$0	FY15	\$5,571	\$1,872	
Low	0	MRSPP-3	1	Evaluation Pending	12	RA-O	26	3	19	0	6	0	\$45,302	\$0	\$2,415	\$0	\$3,681	\$0	\$2,078	\$0	FY10-Comp. IRP		\$106,600	
Not Evaluated	4	MRSPP-4	4	No Known/Suspected	0	LTM	13	3	3	0	18	12	\$3,382	\$0	\$63	\$0	\$271	\$0	\$266	\$0	FY10-Comp. MMRP		\$44,810	
Not Required	44	MRSPP-5	2	No Longer Required	0	IRP Final RC: FY 2058 MRS Final RC: FY 2022						Total	\$166,827	\$3,765	\$7,210	\$297	\$6,731	\$561	\$5,488	\$1,474	FY10-Complete		\$151,410	
Total IRP Sites	184	MRSPP-6	0	Total MRSs	21	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09:	Refer to Page D-33.	MMRP Progress in FY09:	Refer to Page D-33.
IRP Progress Planned for FY10-FY11:	Refer to Page D-33.	MMRP Progress Planned for FY10-FY11:	Refer to Page D-33.

NAVY - CHERRY POINT MCAS / NC417302726100 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	97	0	0	3	0	0			\$22,931	\$2,344	\$0	\$614	\$0	\$338	\$0	\$496	FY12	\$4,632	\$518	
Response Complete	54	Response Complete	0	IRA	26(36)	0(0)	0(0)	0(0)					\$7,924	\$0	\$181	\$0	\$0	\$0	\$0	\$0	FY13	\$3,640	\$525	
High	2	MRSPP-1	0	MRSPP-7	0	Design	29	0	1	0	0	3	\$6,989	\$0	\$0	\$0	\$439	\$0	\$0	\$0	FY14	\$5,912	\$533	
Medium	0	MRSPP-2	1	MRSPP-8	1	RA-C	29	0	2	0	0	3	\$19,581	\$0	\$1,035	\$0	\$124	\$0	\$3,023	\$0	FY15	\$8,023	\$1,086	
Low	0	MRSPP-3	1	Evaluation Pending	0	RA-O	17	0	24	0	2	3	\$29,808	\$0	\$2,117	\$0	\$3,577	\$0	\$2,579	\$0	FY10-Comp. IRP		\$55,473	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	4	0	12	1	\$2,330	\$0	\$115	\$0	\$199	\$0	\$120	\$0	FY10-Comp. MMRP		\$37,946	
Not Required	41	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2032 MRS Final RC: FY 2040						Total	\$89,563	\$2,344	\$3,448	\$614	\$4,339	\$338	\$5,722	\$496	FY10-Complete		\$93,419	
Total IRP Sites	97	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Planned for Future																		

IRP Progress in FY09:	Refer to Page D-40.	MMRP Progress in FY09:	Refer to Page D-40.
IRP Progress Planned for FY10-FY11:	Refer to Page D-40.	MMRP Progress Planned for FY10-FY11:	Refer to Page D-40.

AIR FORCE - SEYMOUR JOHNSON AIR FORCE BASE / NC457212447400 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	32	5	0	6	8	0			\$5,403	\$570	\$0	\$0	\$0	\$1,270	\$0	\$995	FY12	\$224	\$2,138	
Response Complete	26	Response Complete	5	IRA	3(5)	0(0)	0(0)	0(0)			TECH		\$2,195	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$2,106	
High	0	MRSPP-1	0	MRSPP-7	2	Design	15	0	0	0	5		\$1,821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$1,946	
Medium	0	MRSPP-2	0	MRSPP-8	2	RA-C	15	0	0	0	6	CONT	\$9,174	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$388	
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	6	0	4	0	0		\$12,255	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$452	
Not Evaluated	8	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	5	0	6		\$5,398	\$0	\$248	\$0	\$228	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,356	
Not Required	6	MRSPP-5	0	No Longer Required	5	IRP Final RC: FY 2011 MRS Final RC: FY 2014						Total	\$36,246	\$570	\$248	\$0	\$228	\$1,270	\$0	\$995	FY10-Complete		\$10,808	
Total IRP Sites	40	MRSPP-6	0	Total MRSs	11	Five-Year Review Planned for Future																		

IRP Progress in FY09:	FY06: Awarded Performance Based Contract 15April 05 Continue RA-O ST-1,SD-2,SD-3,SS-4.& SS-5; OT-29, SS-12.Complete Triad site closure-SS33. Complete site closure at SS-09. RD at FT-7, FT-19, FT-20 & OT-21. Continue LTM at LF-06, LF-08, LF-15 & LF-16.	MMRP Progress in FY09:	No progress reported.
IRP Progress Planned for FY10-FY11:	FY07:Continue exercising options on FY05 performance based contract to expedite site closure of all remaining ERP sites.	MMRP Progress Planned for FY10-FY11:	No actions planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																							
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)						
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP				
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

North Carolina

◆ **FORMERLY USED DEFENSE SITES - BULL BAY / NC49799F971700**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$113	\$0	\$113	\$0	\$25	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$53,930	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2060					Total	\$0	\$113	\$0	\$113	\$0	\$25	\$0	\$0	FY10-Complete		\$53,930	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Work on MMRP-SI Phase.

MMRP Progress Planned for FY10-FY11: Complete the MMRP-SI Phase.

◆ **FORMERLY USED DEFENSE SITES - CP BUTNER TRNG CMP / NC49799F482700 / RAB / C-TECH / C-EST**

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0		\$298	\$3,021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$2,080
Response Complete	2	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)				\$0	\$891	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$1,626	
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$1,061	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	0	\$25	\$6,399	\$0	\$926	\$0	\$61	\$0	\$657	FY15	\$0	\$896	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$30,749	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1999 MRS Final RC: FY 2029					Total	\$323	\$10,311	\$0	\$926	\$0	\$61	\$0	\$657	FY10-Complete		\$30,749	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: Removal action for MEC was completed at 60 residential properties. Six (6) MEC were discovered and consisted of: 37 millimeter (mm) projectile, 60 mm mortars, Mk 2 hand grenade, 2.36 inch rocket warhead, 2.36 inch fuze with detonator, and 2.36 inch rocket motor with fuze. All of the MEC items discovered were safely blown in place.

MMRP Progress Planned for FY10-FY11: Continue removal actions on the remaining Lands in Area 4. Have approx. 120 residential properties to complete.

◆ **FORMERLY USED DEFENSE SITES - CP MACKALL / NC49799F488800**

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0		\$0	\$202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$81,909	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1991 MRS Final RC: FY 2079					Total	\$0	\$202	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$81,909	
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No progress.

MMRP Progress Planned for FY10-FY11: No action planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

North Carolina

◆ **FORMERLY USED DEFENSE SITES - CP/FT DAVIS / NC49799F482800**

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0	FUND	FUND	\$257	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1		\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$54,827
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1999		MRS Final RC: FY 2081				Total	\$283	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$54,827
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: PCO for the HTRW and CON/HTRW Projects.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No progress.

MMRP Progress Planned for FY10-FY11: No action planned.

◆ **FORMERLY USED DEFENSE SITES - DRUMMOND POINT / NC49799F971900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$114	\$0	\$114	\$0	\$25	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$60,832
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY -		MRS Final RC: FY 2118				Total	\$0	\$114	\$0	\$114	\$0	\$25	\$0	\$0	FY10-Complete		\$60,832
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Work on MMRP-SI Phase.

MMRP Progress Planned for FY10-FY11: Complete the MMRP-SI Phase.

◆ **FORMERLY USED DEFENSE SITES - LAURINBURG-MAXTON AB / NC49799F482900 / C-TECH / C-EST**

IRP Sites and MRSs by Classification				Study	3	0	0	1	0	5			\$1,156	\$2,545	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	3	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	6		\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	1	5		\$453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	2	0	0	0	6		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,538
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2005		MRS Final RC: FY 2023				Total	\$1,682	\$2,545	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,538
Total IRP Sites	3	MRSPP-6	0	Total MRSs	6																		

IRP Progress in FY09: PCO for HTRW and 2 CON/HTRW Projects.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No progress.

MMRP Progress Planned for FY10-FY11: No action planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase		Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)	FY09 Funds Obligated (\$000)	FY10 Execution Planned (\$000)	FY11 Planning Estimate (\$000)	Estimated Costs (\$000)			
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

North Dakota

AIR FORCE - HECTOR FIELD INTERNATIONAL AIRPORT / ND857282592400 / BRAC 2005 Realignment / C-EST

IRP Sites and MRSs by Classification					Study	11	0	0	5	0	0	FUND		\$1,693	\$1,201	\$153	\$0	\$591	\$0	\$0	\$1,932	FY12	\$0	\$1,635	
Response Complete	10	Response Complete	0		IRA	2(2)	0(0)	0(0)	0(0)					\$197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$438	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0			\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$6,948	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	1			\$49	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$51	\$206	
Low	0	MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$753	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0			\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,213	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2015 MRS Final RC: FY 2016						Total	\$2,048	\$1,201	\$153	\$0	\$591	\$0	\$0	\$1,932	FY10-Complete		\$11,966		
Total IRP Sites	11	MRSPP-6	0	Total MRSs	5																				

<p>IRP Progress in FY09: Initiated FS at Site 11</p> <p>IRP Progress Planned for FY10-FY11: Complete FS at Site 11.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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AIR FORCE - MINOT AIR FORCE BASE / ND857121475800 / RAB / C-EST

IRP Sites and MRSs by Classification					Study	11	0	0	4	7	0	FUND		\$2,232	\$699	\$0	\$0	\$0	\$1,660	\$0	\$708	FY12	\$237	\$1,572	
Response Complete	10	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$1,969	
High	0	MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0			\$1,820	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$66	\$1,901	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	4	FUND		\$7,231	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$375	
Low	0	MRSPP-3	0	Evaluation Pending	4	RA-O	3	0	0	0	0			\$283	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$771	
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	4			\$1,325	\$0	\$0	\$0	\$235	\$0	\$0	\$0	FY10-Comp. MMRP		\$9,960	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2014						Total	\$12,891	\$699	\$0	\$0	\$235	\$1,660	\$0	\$708	FY10-Complete		\$10,731		
Total IRP Sites	18	MRSPP-6	0	Total MRSs	4																				

<p>IRP Progress in FY09: Implemented Performance Based Contract which successfully optimized reporting frequencies. Continued RA-O at SS-09 and LTM at LF-02.</p> <p>IRP Progress Planned for FY10-FY11: FY08/09: Implement optimization of monitoring frequency at LF-02 and SS-09 as agreed by state.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Northern Mariana Islands

◆ **FORMERLY USED DEFENSE SITES - ISLAND OF ROTA / CN99799F965900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY12	\$0	\$18
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$2,782
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$183,120
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2057					Total	\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY10-Complete		\$183,120	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No projects were scheduled for FY09.

MMRP Progress Planned for FY10-FY11: A SI phase is scheduled for the next two fiscal years.

◆ **FORMERLY USED DEFENSE SITES - NAFTAN BOMB STORAGE / CN99799F692900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$168	FY12	\$0	\$20
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$293
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,038
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2019					Total	\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$168	FY10-Complete		\$15,038	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No action was planned for FY09.

MMRP Progress Planned for FY10-FY11: SI phase programmed for the next fiscal years.

◆ **FORMERLY USED DEFENSE SITES - NORTH FIELD / CN99799F372900**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY12	\$0	\$18
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,911
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2077					Total	\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY10-Complete		\$12,911	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No action was planned for FY09.

MMRP Progress Planned for FY10-FY11: A SI phase is being programmed for the next two fiscal years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Northern Mariana Islands

◆ **FORMERLY USED DEFENSE SITES - ORDNANCE PLAN / CN99799F240600**

IRP Sites and MRSs by Classification					Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY12	\$0	\$18
Response Complete	0	Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$9,008
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$102,862
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2045						Total	\$0	\$0	\$0	\$0	\$0	\$5	\$0	\$165	FY10-Complete		\$102,862	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No projects were scheduled for FY09.

MMRP Progress Planned for FY10-FY11: A SI phase is being programmed for the next two years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

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	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP																																																																																																																																																																																																			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																																																																																																																																																																																																						
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ARMY - RAVENNA ARMY AMMUNITION PLANT / OH521382073600 / RAB																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th colspan="4">IRP Sites and MRSs by Classification</th> <th>Study</th> <th>29</th> <th>5</th> <th>34</th> <th>15</th> <th>0</th> <th>0</th> <th>FUND</th> <th></th> <th>\$26,855</th> <th>\$5,326</th> <th>\$1,708</th> <th>\$4,513</th> <th>\$10,062</th> <th>\$6,233</th> <th>\$1,769</th> <th>\$0</th> <th>FY12</th> <th>\$4,690</th> <th>\$2,044</th> </tr> </thead> <tbody> <tr> <td>Response Complete</td> <td>23</td> <td>Response Complete</td> <td>5</td> <td>IRA</td> <td>8(8)</td> <td>1(1)</td> <td>2(2)</td> <td>1(1)</td> <td></td> <td></td> <td>FUND</td> <td></td> <td>\$2,474</td> <td>\$374</td> <td>\$0</td> <td>\$90</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY13</td> <td>\$4,810</td> <td>\$956</td> </tr> <tr> <td>High</td> <td>8</td> <td>MRSPP-1</td> <td>0</td> <td>MRSPP-7</td> <td>0</td> <td>Design</td> <td>4</td> <td>0</td> <td>19</td> <td>5</td> <td>9</td> <td>10</td> <td>FUND</td> <td>\$25</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY14</td> <td>\$3,159</td> <td>\$5,197</td> </tr> <tr> <td>Medium</td> <td>15</td> <td>MRSPP-2</td> <td>0</td> <td>MRSPP-8</td> <td>0</td> <td>RA-C</td> <td>2</td> <td>0</td> <td>22</td> <td>5</td> <td>11</td> <td>10</td> <td>FUND</td> <td>\$23,740</td> <td>\$0</td> <td>\$361</td> <td>\$0</td> <td>\$728</td> <td>\$0</td> <td>\$63</td> <td>\$0</td> <td>FY15</td> <td>\$892</td> <td>\$392</td> </tr> <tr> <td>Low</td> <td>8</td> <td>MRSPP-3</td> <td>0</td> <td>Evaluation Pending</td> <td>15</td> <td>RA-O</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>FY10-Comp. IRP</td> <td></td> <td>\$55,976</td> </tr> <tr> <td>Not Evaluated</td> <td>9</td> <td>MRSPP-4</td> <td>0</td> <td>No Known/Suspected</td> <td>0</td> <td>LTM</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>5</td> <td>14</td> <td></td> <td>\$12,790</td> <td>\$0</td> <td>\$1,913</td> <td>\$0</td> <td>\$2,493</td> <td>\$0</td> <td>\$2,318</td> <td>\$0</td> <td>FY10-Comp. MMRP</td> <td></td> <td>\$22,566</td> </tr> <tr> <td>Not Required</td> <td>0</td> <td>MRSPP-5</td> <td>0</td> <td>No Longer Required</td> <td>5</td> <td colspan="6">IRP Final RC: FY 2044 MRS Final RC: FY 2019</td> <td>Total</td> <td>\$65,884</td> <td>\$5,700</td> <td>\$3,982</td> <td>\$4,603</td> <td>\$13,283</td> <td>\$6,233</td> <td>\$4,150</td> <td>\$0</td> <td>FY10-Complete</td> <td></td> <td>\$78,542</td> </tr> <tr> <td>Total IRP Sites</td> <td>63</td> <td>MRSPP-6</td> <td>0</td> <td>Total MRSs</td> <td>20</td> <td colspan="16"></td> </tr> </tbody> </table>																							IRP Sites and MRSs by Classification				Study	29	5	34	15	0	0	FUND		\$26,855	\$5,326	\$1,708	\$4,513	\$10,062	\$6,233	\$1,769	\$0	FY12	\$4,690	\$2,044	Response Complete	23	Response Complete	5	IRA	8(8)	1(1)	2(2)	1(1)			FUND		\$2,474	\$374	\$0	\$90	\$0	\$0	\$0	\$0	FY13	\$4,810	\$956	High	8	MRSPP-1	0	MRSPP-7	0	Design	4	0	19	5	9	10	FUND	\$25	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,159	\$5,197	Medium	15	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	22	5	11	10	FUND	\$23,740	\$0	\$361	\$0	\$728	\$0	\$63	\$0	FY15	\$892	\$392	Low	8	MRSPP-3	0	Evaluation Pending	15	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$55,976	Not Evaluated	9	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	5	14		\$12,790	\$0	\$1,913	\$0	\$2,493	\$0	\$2,318	\$0	FY10-Comp. MMRP		\$22,566	Not Required	0	MRSPP-5	0	No Longer Required	5	IRP Final RC: FY 2044 MRS Final RC: FY 2019						Total	\$65,884	\$5,700	\$3,982	\$4,603	\$13,283	\$6,233	\$4,150	\$0	FY10-Complete		\$78,542	Total IRP Sites	63	MRSPP-6	0	Total MRSs	20																
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Total IRP Sites	63	MRSPP-6	0	Total MRSs	20																																																																																																																																																																																																																	
<p>IRP Progress in FY09: An RI work plan was completed for site RVAAP-67. Data quality objectives (DQO) and geophysical work plans were completed for sites RVAAP-03, 05, and 25. Records of decisions (ROD) were completed for sites RVAAP-01, -12, and -49. Remedial designs were completed for sites RVAAP-01, RVAAP-12, and RVAAP-16. RAs were completed for sites RVAAP-RVAAP-05 and RVAAP-16. An IRA was completed at site RVAAP-49.</p> <p>IRP Progress Planned for FY10-FY11: RI phase 1 will be completed at sites RVAAP-22, -24, -25, -35, -68, -69, -70, -71, -72, -73, and 74. RIs, FSs and PPs will be completed for sites RVAAP-06, -12, -13, -19, -29, -33, -38, -39, -40, -41, -42, -43, -44, -45, -46 and -50. FS and PPs will be completed for sites -03, -28, -34, -51 and -67. RODs will be completed for site RVAAP-51 and Load Line 12 GW. RA will be completed at sites RVAAP-01 and -12. Facility-wide GW quarterly monitoring will continue and a final report will be issued.</p>												<p>MMRP Progress in FY09: A performance-based acquisition (PBA) will be awarded in April 2009. The base award will be initiated to include RIs at five sites and remedy-in-Place/response complete (RIP/RC) at two sites. An IRA is planned for RVAAP-004-R-01.</p> <p>MMRP Progress Planned for FY10-FY11: RIs will continue for seven sites.</p>																																																																																																																																																																																																										
AIR FORCE - WRIGHT PATTERSON AIR FORCE BASE / OH557172431200 / NPL / BRAC 2005 Realignment / RAB / C-EST																																																																																																																																																																																																																						
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<p>IRP Progress in FY09: An SI is underway/funded and scheduled to be complete in FY2010. TCE and daughter compounds in shallow groundwater are the primary contaminants at AOCs 17, 18, 19, 103. Installation of a true down gradient monitoring well is scheduled at AOC 49. A second attempt is being made to collect sufficient groundwater for analysis at AOC94.</p> <p>IRP Progress Planned for FY10-FY11: Develop remedial design for groundwater MNA and source zone natural attenuation (SZNA) at the three areas of concern (AOC-3, AOC-8/9, and AOC-11) with free product petroleum fuels present in the subsurface. Perform installation of the 15 additional groundwater monitoring wells and 30 soil vapor monitoring points/wells mentioned in the RA-D phase.</p>												<p>MMRP Progress in FY09: MMRP realignment complete in FY09.</p> <p>MMRP Progress Planned for FY10-FY11: The INPR to approve new projects is pending approval.</p>																																																																																																																																																																																																										

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Ohio

FORMERLY USED DEFENSE SITES - PLUM BROOK ORD WORKS / OH59799F364100 / RAB

IRP Sites and MRSs by Classification					Study	8	1	9	0	1	0	FUND	FUND	\$22,421	\$0	\$2,308	\$0	\$740	\$0	\$167	\$0	FY12	\$1,958	\$0	
Response Complete	7	Response Complete	1		IRA	0(0)	0(0)	0(0)	0(0)			FUND	FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,872	\$0	
High	6	MRSPP-1	0	MRSPP-7	0	Design	1	0	4	0	6	0	FUND	FUND	\$71	\$0	\$0	\$0	\$244	\$0	\$39	\$0	FY14	\$1,777	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	9	0	FUND	FUND	\$7,876	\$0	\$16	\$0	\$5,532	\$0	\$170	\$0	FY15	\$5,200	\$0
Low	3	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	0	0			\$167	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$62,077	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	1	1	0	7	0			\$305	\$5	\$63	\$5	\$89	\$0	\$187	\$0	FY10-Comp. MMRP	\$0	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2022		MRS Final RC: FY 1994				Total		\$30,840	\$5	\$2,387	\$5	\$6,605	\$0	\$563	\$0	FY10-Complete	\$62,077		
Total IRP Sites	18	MRSPP-6	0	Total MRSs	1																				

<p>IRP Progress in FY09: Continued RAB and completed TAPP. Completed No Further Action DD for TNT Area B. Completed PP for TNT C and draft DD. Continued RI/FS on Res 2 Burning Grounds, Acid Areas 1, 2 and 3, Ash Pits 1 and 3, Power House 2 Ash Pits and Garage Maintenance Area. Completed removal action at pentolite road redwater pond and returned to CERCLA process.</p> <p>IRP Progress Planned for FY10-FY11: Completed DD for TNT C and award RA-C contract in FY10. Completed PP and DD for TNT A and award RA-C contract in FY11. Complete Pentolite Redwater Pond FS and prepare draft PP. Complete PP for Groundwater and draft DD. Complete PP for Res 2 Burning Grounds and draft DD. Continue RAB in FY 10 and FY11.</p>	<p>MMRP Progress in FY09: No progress reported.</p> <p>MMRP Progress Planned for FY10-FY11: No actions planned.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																													
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
Oklahoma																													
◆ ARMY - FORT SILL / OK621372084600																													
IRP Sites and MRSs by Classification										Study	69	0	0	3	0	0		FUND	\$2,450	\$1,501	\$0	\$239	\$0	\$1,575	\$0	\$0	FY12	\$22	\$15,511
Response Complete	69	Response Complete	0	IRA			0(0)	0(0)	0(0)	0(0)				REG	\$2,632	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$246		
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	3		REG	\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$475	FY14	\$80	\$250		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	0	3		FUND	\$15,506	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$288	\$0		
Low	0	MRSPP-3	1	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$981	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$2,109			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	8	0	0	1			\$770	\$0	\$0	\$0	\$78	\$0	\$268	\$0	\$0	FY10-Comp. MMRP		\$18,057			
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2005 MRS Final RC: FY 2015						Total	\$22,412	\$1,501	\$0	\$239	\$78	\$1,575	\$268	\$475	FY10-Complete		\$20,166						
Total IRP Sites	69	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed and Planned for Future																							
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: MEC/UXO surface and two-foot subsurface clearance of 238.2 acres was completed with BRAC funds, within the FSILL-001-R-002 site, southwest cantonment area of the 456.6 acres of the site. No MMRP funds were used in this clearance action. The MMRP RI/FS will be executed in the future, along with a remedial design (RD) and RA.																			
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: The MMRP RI/FS for FSILL-001-R-01 has been awarded, with fieldwork to start in April 2009. Final report is scheduled for completion in first of fiscal year (FY) 2010. MMRP RI/FS for site FSILL-001-R-02 is phase for 2010. MMRP RI/FS for site FSILL-002-R-01 will be phase for contract award in FY2009, followed up with consultation with the Tribes under Section 106.																			
◆ ARMY - MCALESTER ARMY AMMUNITION PLANT / OK621382295100 / C-TECH																													
IRP Sites and MRSs by Classification										Study	49	1	0	6	0	0			\$8,986	\$2,910	\$0	\$2,580	\$0	\$81	\$0	\$0	FY12	\$163	\$1,005
Response Complete	46	Response Complete	1	IRA			4(4)	0(0)	0(0)	0(0)					\$2,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$166	\$1,029			
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	2	0	0	5			\$1,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$169	\$63			
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	2	0	0	5			\$6,937	\$0	\$3,470	\$0	\$72	\$0	\$0	\$0	FY15	\$206	\$2,620				
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	3	0	0	0			\$209	\$0	\$209	\$0	\$0	\$0	\$160	\$0	FY10-Comp. IRP		\$4,316				
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	6	0	0	5			\$374	\$0	\$12	\$0	\$0	\$0	\$13	\$0	FY10-Comp. MMRP		\$6,835				
Not Required	1	MRSPP-5	4	No Longer Required	1	IRP Final RC: FY 2039 MRS Final RC: FY 2016						Total	\$20,086	\$2,910	\$3,691	\$2,580	\$72	\$81	\$173	\$0	FY10-Complete		\$11,151						
Total IRP Sites	49	MRSPP-6	0	Total MRSs	7	Five-Year Review Completed and Planned for Future																							
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: Award of an installation-wide remedial investigation (RI) is planned.																			
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: The RI will continue; it includes the installation of groundwater monitoring wells, with a MEC site characterization and removal action. The RI will be followed by an FS. During the RA (construction) (RA(C)), a contaminated soil removal action with off-site transport and disposal is anticipated. The long-term management (LTM) phase will include the implementation of institutional controls, followed by MEC monitoring.																			
◆ AIR FORCE - ALTUS AIR FORCE BASE / OK657152404500 / BRAC 2005 Realignment / RAB / C-EST																													
IRP Sites and MRSs by Classification										Study	24	0	0	3	0	0	CONT		\$26,079	\$346	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$2,372	\$0
Response Complete	13	Response Complete	0	IRA			11(19)	0(0)	0(0)	0(0)				REG	\$23,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,174	\$0			
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	3			\$97	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$722	\$0				
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	4	0	0	3			\$764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$687	\$0				
Low	1	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	7	0	1	0			\$4,621	\$0	\$0	\$0	\$761	\$0	\$1,051	\$0	FY10-Comp. IRP		\$13,082				
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	10	3			\$685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0				
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2014 MRS Final RC: FY 2015						Total	\$56,146	\$346	\$0	\$0	\$761	\$0	\$1,051	\$0	FY10-Complete		\$13,082						
Total IRP Sites	24	MRSPP-6	0	Total MRSs	3																								
IRP Progress in FY09: Performed source removal project at SS-17. EPA approval of RFI/IA/CMS. Negotiated Corrective Action Objectives and Statement of Basis. Remedy selection is Interim Actions in place and corrective actions already planned and programmed.										MMRP Progress in FY09: No progress reported.																			
IRP Progress Planned for FY10-FY11: CMI Plan has been developed and approved. 40 sites were officially closed. Remaining corrective actions have been implemented. Depending on proof of performance Altus AFB will be Response Complete.										MMRP Progress Planned for FY10-FY11: No actions planned.																			

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Oklahoma

AIR FORCE - TINKER AIR FORCE BASE / OK657172439100 / NPL / BRAC 2005 Realignment / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	40	0	0	0	9	0			\$60,017	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$6,990	\$0
Response Complete	30	Response Complete	0	IRA	21(43)	0(0)	0(0)	0(0)					\$54,462	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$6,163	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	0		\$16,376	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,150	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	0	0	0		\$30,072	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$4,305	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	10	0	0		\$41,397	\$0	\$4,798	\$0	\$0	\$0	\$5,398	FY10-Comp. IRP		\$46,701
Not Evaluated	9	MRSPP-4	0	No Known/Suspected	0	LTM	10	0	6	0	10		\$19,875	\$0	\$248	\$0	\$859	\$0	\$678	FY10-Comp. MMRP		\$0
Not Required	10	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023 MRS Final RC: FY -					Total	\$222,199	\$0	\$5,046	\$0	\$859	\$0	\$6,076	\$0	FY10-Complete		\$46,701
Total IRP Sites	49	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																

IRP Progress in FY09:	Refer to Page D-178.
IRP Progress Planned for FY10-FY11:	Refer to Page D-178.

MMRP Progress in FY09:	No MMRP sites identified.
MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

AIR FORCE - VANCE AIR FORCE BASE / OK657152409500 / RAB / C-EST

IRP Sites and MRSs by Classification				Study	36	0	1	9	0	0			\$17,056	\$487	\$0	\$0	\$204	\$1,734	\$0	\$1,111	FY12	\$718	\$2,056
Response Complete	27	Response Complete	0	IRA	13(20)	0(0)	1(1)	0(0)					\$5,485	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$499	\$1,907
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	7		\$3,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$299	\$2,988
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	0	0	9		\$8,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$381	\$0
Low	2	MRSPP-3	0	Evaluation Pending	9	RA-O	0	0	8	0	2		\$6,900	\$0	\$358	\$0	\$766	\$0	\$341	\$0	FY10-Comp. IRP		\$8,579
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	1	0	9		\$2,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,235
Not Required	8	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023 MRS Final RC: FY 2014					Total	\$44,239	\$487	\$358	\$0	\$970	\$1,734	\$341	\$1,111	FY10-Complete		\$18,814	
Total IRP Sites	37	MRSPP-6	0	Total MRSs	9	Five-Year Review Planned for Future																	

IRP Progress in FY09:	Continued RA-O at RIP sites. RPO, Phase 2 is ongoing
IRP Progress Planned for FY10-FY11:	RIP for Site DP-05 is planned.

MMRP Progress in FY09:	No progress reported.
MMRP Progress Planned for FY10-FY11:	No actions planned.

FORMERLY USED DEFENSE SITES - CAMP GRUBER / OK69799F636000 / C-TECH

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$12	\$1,578	\$0	\$128	\$0	\$50	\$0	\$0	FY12	\$0	\$75
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$970
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$964
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$17,354
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2023					Total	\$12	\$1,578	\$0	\$128	\$0	\$50	\$0	\$0	\$0	FY10-Complete		\$17,354
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09:	No IRP sites identified.
IRP Progress Planned for FY10-FY11:	No IRP sites identified.

MMRP Progress in FY09:	Continued RI/FS pre-field (meetings, work plan, etc.), fieldwork, and other associated activities for site.
MMRP Progress Planned for FY10-FY11:	Continue to execute RI/FS fieldwork activities as needed & Supplement RI effort with IRA/TCRA if needed to remove/dispose of items discovered during intrusive activities. Evaluate findings/determine future actions - coordinate with stakeholders. Complete associated Draft & Final RI/FS Reports.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Oregon

ARMY - UMATILLA CHEMICAL DEPOT / OR021382091700 / NPL / BRAC 1988 / RAB

IRP Sites and MRSs by Classification				Study	117	1	0	1	0	0			\$20,983	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,170	\$0	
Response Complete	116	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$590	\$140	\$0	\$0	\$0	\$0	\$0	FY13	\$555	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	13	1	0	0	0	0	\$397	\$91	\$0	\$0	\$0	\$0	\$0	FY14	\$586	\$58	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	14	1	0	0	0	1	\$28,675	\$856	\$0	\$0	\$0	\$0	\$0	FY15	\$555	\$254	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	1	0	0	0	\$2,693	\$0	\$12	\$0	\$391	\$0	\$422	FY10-Comp. IRP		\$7,040	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	1	0	1	\$1,517	\$0	\$0	\$0	\$79	\$0	\$79	FY10-Comp. MMRP		\$17,700	
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2023 MRS Final RC: FY 2018					Total	\$54,855	\$1,087	\$12	\$0	\$470	\$0	\$501	\$0	FY10-Complete		\$24,740	
Total IRP Sites	117	MRSPP-6	0	Total MRSs	2	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-189.

IRP Progress Planned for FY10-FY11: Refer to Page D-189.

MMRP Progress in FY09: Refer to Page D-189.

MMRP Progress Planned for FY10-FY11: Refer to Page D-189.

FORMERLY USED DEFENSE SITES - BOARDMAN AIR FORCE RANGE / OR09799F307600

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	6			\$0	\$144	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	7		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	7		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	7		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$22,593
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2023					Total	\$0	\$144	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$22,593
Total IRP Sites	0	MRSPP-6	0	Total MRSs	7																	

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No activity executed.

MMRP Progress Planned for FY10-FY11: No activity planned.

FORMERLY USED DEFENSE SITES - CAMP ADAIR/ADAIR AFS / OR09799F306700

IRP Sites and MRSs by Classification				Study	2	0	0	1	1	0			\$13	\$279	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$261	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1	1	\$44	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$420	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	1	1	\$524	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$525	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$8,784
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	1	\$61	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$77,286
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023 MRS Final RC: FY 2032					Total	\$642	\$279	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$86,070
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1																	

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No activity executed. S1 phase completed in fy08.

MMRP Progress Planned for FY10-FY11: No activity planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Oregon

◆ **FORMERLY USED DEFENSE SITES - KINGSLEY FIRING RANGE ANNEX / OR09799F808700**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,468	
Not Required	0	MRSPP-5	0	No Longer Required	0															FY10-Complete		\$12,468	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1							Total	\$0	\$154	\$0	\$0	\$0	\$0	\$0				

IRP Progress in FY09:	No IRP sites identified.	MMRP Progress in FY09:	No activity executed. SI completed in Sep 2008
IRP Progress Planned for FY10-FY11:	No IRP sites identified.	MMRP Progress Planned for FY10-FY11:	No activity planned

◆ **FORMERLY USED DEFENSE SITES - NAV AIR STA, TONGUE POINT / OR09799F314700**

IRP Sites and MRSs by Classification				Study	4	0	1	1	0	0		\$8,721	\$163	\$479	\$11	\$354	\$5	\$897	\$0	FY12	\$7,100	\$0
Response Complete	4	Response Complete	0	IRA	2(2)	0(0)	0(0)	0(0)				\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$7,412	\$0
High	1	MRSPP-1	0	MRSPP-7	0	0	1	0	0	1		\$1,957	\$0	\$0	\$0	\$0	\$0	\$1,287	\$0	FY14	\$3,364	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	1	0	0	1		\$9,585	\$0	\$1	\$0	\$0	\$0	\$5,379	\$0	FY15	\$2,743	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$31,253
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1		\$397	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$3,799
Not Required	0	MRSPP-5	0	No Longer Required	0															FY10-Complete		\$35,052
Total IRP Sites	5	MRSPP-6	0	Total MRSs	1							Total	\$21,596	\$163	\$480	\$11	\$354	\$5	\$7,563			

IRP Progress in FY09:	Continuation of RI/FS activities. Drafting of RI/BLRA report underway	MMRP Progress in FY09:	SI completed 29-Sep-2009
IRP Progress Planned for FY10-FY11:	Completion of RI/FS phase. Decision Document completed.	MMRP Progress Planned for FY10-FY11:	No activity planned.

◆ **FORMERLY USED DEFENSE SITES - NORTHWEST MANEUVER AREA / OR09799F312000**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0		\$0	\$235	\$0	\$10	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$55,573
Not Required	0	MRSPP-5	0	No Longer Required	0															FY10-Complete		\$55,573
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1							Total	\$0	\$235	\$0	\$10	\$0	\$0	\$0			

IRP Progress in FY09:	No IRP sites identified.	MMRP Progress in FY09:	SI in progress. Rights of Entry prove challenging due to number of individual property owners.
IRP Progress Planned for FY10-FY11:	No IRP sites identified.	MMRP Progress Planned for FY10-FY11:	Complete SI phase

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																															
Phase	Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)															
	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP													
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP															
Oregon																															
◆ FORMERLY USED DEFENSE SITES - OLD CAMP ABBOTT / OR09799F307000																															
IRP Sites and MRSs by Classification										Study	0	0	0	1	0	0			\$0	\$253	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0		
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)								\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$21,323		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2029						Total	\$0	\$253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$21,323		
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																										
IRP Progress in FY09: No IRP sites identified.										MMRP Progress in FY09: No activities executed. SI phase completed in 2008																					
IRP Progress Planned for FY10-FY11: No IRP sites identified.										MMRP Progress Planned for FY10-FY11: No activity planned																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																															
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)														
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP												
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP															
Pennsylvania																															
ARMY - FORT INDIANTOWN GAP TRAINING SITE / PA321184230700 / C-TECH																															
IRP Sites and MRSs by Classification										Study	3	5	0	1	0	0			\$371	\$2,318	\$0	\$2,120	\$0	\$63	\$0	\$0	FY12	\$0	\$0		
Response Complete	3	Response Complete	5	IRA		0(0)	0(0)	0(0)	0(0)									\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$53	
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	1	0	0	0	0	1						\$786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$1,527	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1						\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$22,150	
Not Required	0	MRSPP-5	0	No Longer Required	5	IRP Final RC: FY 2006		MRS Final RC: FY 2018		Total	\$1,162	\$2,318	\$0	\$2,120	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$22,150	
Total IRP Sites	3	MRSPP-6	0	Total MRSs	6																										
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: The RI began in fiscal year (FY)09.																					
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: The RI/feasibility study (FS) will continue.																					
ARMY - LETTERKENNY ARMY DEPOT / PA321382050300 / NPL / BRAC 1995 / RAB																															
IRP Sites and MRSs by Classification										Study	90	0	29	0	0	0			\$71,816	\$0	\$604	\$0	\$241	\$0	\$0	\$0	FY12	\$532	\$0		
Response Complete	89	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$8,196	\$0	\$323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$296	\$0	
High	14	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0						\$6,037	\$0	\$0	\$0	\$11	\$0	\$0	\$0	\$0	\$0	FY14	\$311	\$0	
Medium	8	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0						\$45,877	\$0	\$0	\$0	\$149	\$0	\$0	\$0	\$0	\$0	FY15	\$328	\$0	
Low	7	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0						\$733	\$0	\$0	\$0	\$546	\$0	\$108	\$0	\$0	\$0	FY10-Comp. IRP		\$10,355	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0						\$2,016	\$0	\$8	\$0	\$0	\$0	\$214	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039		MRS Final RC: FY -		Total	\$134,675	\$0	\$935	\$0	\$947	\$0	\$322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,355	
Total IRP Sites	119	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																									
IRP Progress in FY09: Refer to Page D-105.										MMRP Progress in FY09: No MMRP sites identified.																					
IRP Progress Planned for FY10-FY11: Refer to Page D-105.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																					
NAVY - WARMINSTER NAWC / PA317002454500 / NPL / BRAC 1991/1995 / RAB																															
IRP Sites and MRSs by Classification										Study	10	0	0	0	0	0			\$8,343	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$606	\$0		
Response Complete	3	Response Complete	0	IRA		0(0)	0(0)	0(0)	0(0)									\$421	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$606	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	0	0						\$1,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$606	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	0	0						\$7,997	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$606	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	6	0	0	0						\$9,608	\$0	\$263	\$0	\$606	\$0	\$606	\$0	\$0	\$0	FY10-Comp. IRP		\$17,420	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	0						\$106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041		MRS Final RC: FY -		Total	\$27,533	\$0	\$263	\$0	\$606	\$0	\$606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$17,420
Total IRP Sites	10	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																									
IRP Progress in FY09: Refer to Page D-191.										MMRP Progress in FY09: No MMRP sites identified.																					
IRP Progress Planned for FY10-FY11: Refer to Page D-191.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Puerto Rico

NAVY - PUERTO RICO NAVACT / PR217004000300 / C-TECH

IRP Sites and MRSs by Classification				Study	14	0	23	1	3	0			\$7,670	\$1,792	\$21	\$1,792	\$3,079	\$0	\$2,998	\$1,465	FY12	\$9,503	\$285	
Response Complete	5	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$4,664	\$0	\$3,221	\$0	\$0	\$0	\$0	\$0	FY13	\$706	\$0	
High	3	MRSPP-1	0	MRSPP-7	0	Design	2	0	9	0	15	1	\$645	\$0	\$72	\$0	\$138	\$0	\$523	\$0	FY14	\$593	\$113	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	9	0	17	1	\$18,336	\$0	\$1,700	\$0	\$212	\$4,000	\$359	\$0	FY15	\$593	\$113	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	1	0	10	0	\$962	\$0	\$211	\$0	\$750	\$0	\$921	\$0	FY10-Comp. IRP		\$53,370	
Not Evaluated	29	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	4	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$8,148	
Not Required	3	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041 MRS Final RC: FY 2015						Total	\$32,277	\$1,792	\$5,225	\$1,792	\$4,179	\$4,000	\$4,801	\$1,465	FY10-Complete		\$61,518	
Total IRP Sites	40	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: Refer to Page D-128.

IRP Progress Planned for FY10-FY11: Refer to Page D-128.

MMRP Progress in FY09: Refer to Page D-128.

MMRP Progress Planned for FY10-FY11: Refer to Page D-128.

NAVY - ROOSEVELT ROADS CAMP GARCIA / PR217300007400 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	6	0	6	0	0	0			\$2,099	\$0	\$0	\$0	\$366	\$0	\$0	\$0	FY12	\$659	\$0	
Response Complete	4	Response Complete	0	IRA	0(0)	0(0)	1(1)	0(0)					\$1,057	\$0	\$0	\$0	\$669	\$0	\$0	\$0	FY13	\$784	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3	0	\$463	\$0	\$0	\$0	\$0	\$0	\$257	\$0	FY14	\$2,208	\$0	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	0	\$1,155	\$0	\$0	\$0	\$0	\$0	\$1,546	\$0	FY15	\$194	\$0	
Low	5	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$14,615	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2045 MRS Final RC: FY -						Total	\$4,774	\$0	\$0	\$0	\$1,035	\$0	\$1,809	\$0	FY10-Complete		\$14,615	
Total IRP Sites	12	MRSPP-6	0	Total MRSs	0																			

IRP Progress in FY09: Refer to Page D-133.

IRP Progress Planned for FY10-FY11: Refer to Page D-133.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

NAVY - VIEQUES EAST / PR217006932100

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$16,349	\$0	\$0	\$0	\$2,019	\$0	\$4,477	FY12	\$0	\$17,162	
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	1(1)					\$0	\$0	\$0	\$0	\$0	\$8,223	\$0	\$5,064	FY13	\$0	\$17,454	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0	0	\$0	\$2,311	\$0	\$0	\$0	\$100	\$0	\$102	FY14	\$0	\$17,996	
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	1	0	0	\$0	\$73,707	\$0	\$17,046	\$0	\$7,626	\$0	\$6,725	FY15	\$0	\$18,459	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$238,189	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2020						Total	\$0	\$92,367	\$0	\$17,046	\$0	\$17,968	\$0	\$16,368	FY10-Complete		\$238,189	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Refer to Page D-133.

MMRP Progress Planned for FY10-FY11: Refer to Page D-133.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Puerto Rico

FORMERLY USED DEFENSE SITES - NAVAL STATION SAN JUAN / PR29799F417600 / C-TECH

IRP Sites and MRSs by Classification					Study	2	0	0	0	0	0			\$2,169	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$76	\$0
Response Complete	1	Response Complete	0		IRA	1(1)	0(0)	0(0)	0(0)					\$15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$124	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	0		\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$100	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	0		\$4,485	\$0	\$25	\$0	\$0	\$0	\$0	\$0	FY15	\$100	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$16,316	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0		\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2025 MRS Final RC: FY -						Total	\$6,945	\$0	\$25	\$0	FY10-Complete		\$16,316						
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																				

<p>IRP Progress in FY09: Remedial Action work completed and reports submitted for Small Arms Range and USTs near Port Authority Environmental Building.</p> <p>IRP Progress Planned for FY10-FY11: Remaining work at property to be realigned into multiple new projects based on similar exit strategies. No additional work scheduled for FY10-11.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															Phase			Completed		Underway		Future		FY09 Schedule Impact**	Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
															IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
															Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP					

South Carolina

◆ **FORMERLY USED DEFENSE SITES - CP CROFT / SC49799F492600 / RAB**

IRP Sites and MRSs by Classification				Study	1	0	1	1	0	0			\$3,132	\$1,285	\$1	\$30	\$156	\$0	\$26	\$689	FY12	\$353	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)				\$1,433	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$179	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	1	1	0	\$78	\$10	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$223	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	1	0	\$3,319	\$9,280	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$111	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$6,713	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2	1	\$0	\$0	\$0	\$0	\$5	\$0	\$0	\$0	FY10-Comp. MMRP	\$21,944	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2047 MRS Final RC: FY 2080					Total	\$7,962	\$10,575	\$1	\$30	\$161	\$0	\$26	\$689	FY10-Complete	\$28,657	\$0	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Continue SI.

IRP Progress Planned for FY10-FY11: Complete SI and initiate RI/FS.

MMRP Progress in FY09: Geophysical mapping is complete for OOs 3, 11C and 11D. Anomalies to be removed have been negotiated. Awaiting funding for removal action.

MMRP Progress Planned for FY10-FY11: Additional removal actions depending on funding.

◆ **FORMERLY USED DEFENSE SITES - DONALDSON AFB / SC49799F494600 / C-TECH / C-EST**

IRP Sites and MRSs by Classification				Study	5	0	0	0	3	0			\$9,321	\$0	\$10	\$0	\$276	\$0	\$97	\$0	FY12	\$3,255	\$0
Response Complete	4	Response Complete	0	IRA	2(2)	0(0)	0(0)	0(0)				\$1,248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,583	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	2	0	\$459	\$0	\$168	\$0	\$593	\$0	\$35	\$0	FY14	\$2,941	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	1	0	2	0	\$7,225	\$0	\$0	\$0	\$0	\$0	\$22	\$0	FY15	\$5,086	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$701	\$0	FY10-Comp. IRP	\$37,885	\$0
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	3	0	\$82	\$0	\$0	\$0	\$251	\$0	\$10	\$0	FY10-Comp. MMRP	\$0	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2032 MRS Final RC: FY -					Total	\$18,335	\$0	\$178	\$0	\$1,120	\$0	\$865	\$0	FY10-Complete	\$37,885	\$0	
Total IRP Sites	8	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Currently conducting Phase II of the RI/FS study for AOCs 1, 2 and 3. Performing a hot spot removal at AOC 1.

IRP Progress Planned for FY10-FY11: Complete RI/FS. Initiate PCO actions at sites where appropriate.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

◆ **FORMERLY USED DEFENSE SITES - SAND HILLS BMB&GN RG / SC49799F492700**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	1			\$0	\$146	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	0	0	0	0	2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$10,001	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2023					Total	\$0	\$146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete	\$10,001	\$0
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: None - SI phase completed in Sept 2007.

MMRP Progress Planned for FY10-FY11: No action planned until 2021.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

South Dakota

◆ **FORMERLY USED DEFENSE SITES - RAPID CITY AIR TO GROUND GUNNERY RGE / SD89799F085200**

IRP Sites and MRSs by Classification						Study	0	0	0	1	0	0			\$0	\$134	\$0	\$10	\$0	\$5	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$13,167	\$13,167
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2039						Total	\$0	\$134	\$0	\$10	\$0	\$5	\$0	\$0	\$0	\$0	FY10-Complete	\$13,167	\$13,167
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: The Final Site Inspection Report was completed in 28 Sep 2009 with a recommendation for an RI/FS for MEC at the Bombing Range MRS and NDAI for the Air to Ground Gunnery Range MRS.

MMRP Progress Planned for FY10-FY11: The MRSPP Scores for each MRS will be reviewed.

◆ **FORMERLY USED DEFENSE SITES - RAPID CITY PRE BOM RGE #1 / SD89799F085300**

IRP Sites and MRSs by Classification						Study	0	0	0	1	0	0			\$0	\$139	\$0	\$6	\$0	\$5	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$0	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$11,563	\$11,563
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2039						Total	\$0	\$139	\$0	\$6	\$0	\$5	\$0	\$0	\$0	\$0	FY10-Complete	\$11,563	\$11,563
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Fieldwork was completed 16 Sep 09 and the Draft SI Report is Pending

MMRP Progress Planned for FY10-FY11: The Final Site Inspection Report will be completed in FY 2010

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Tennessee

ARMY - MILAN ARMY AMMUNITION PLANT / TN421382058200 / NPL / RAB

IRP Sites and MRSs by Classification				Study	38	1	3	2	0	0			\$36,295	\$441	\$0	\$154	\$0	\$3,345	\$0	\$0	FY12	\$4,004	\$0
Response Complete	35	Response Complete	1	IRA	1(1)	0(0)	1(1)	0(0)					\$13,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,077	\$87
High	3	MRSPP-1	0	MRSPP-7	0	Design	16	0	2	1	0	1	\$6,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,649	\$491
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	4	1	1	1	\$56,292	\$0	\$0	\$0	\$103	\$0	\$39	\$0	FY15	\$1,795	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	13	0	3	0	2	0	\$49,710	\$0	\$1,910	\$0	\$2,700	\$0	\$3,898	\$0	FY10-Comp. IRP		\$59,176
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	0	LTM	3	0	1	0	2	2	\$1,490	\$0	\$0	\$0	\$0	\$0	\$49	\$0	FY10-Comp. MMRP		\$4,382
Not Required	1	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2044 MRS Final RC: FY 2015						Total	\$164,219	\$441	\$1,910	\$154	\$2,803	\$3,345	\$3,986	\$0	FY10-Complete		\$63,558
Total IRP Sites	41	MRSPP-6	1	Total MRSs	3	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-121.	MMRP Progress in FY09: Refer to Page D-121.
IRP Progress Planned for FY10-FY11: Refer to Page D-121.	MMRP Progress Planned for FY10-FY11: Refer to Page D-121.

ARMY - VOLUNTEER ARMY AMMUNITION PLANT / TN421382093300 / RAB

IRP Sites and MRSs by Classification				Study	17	2	4	0	0	0	REG		\$36,736	\$0	\$1,923	\$0	\$774	\$0	\$0	\$0	FY12	\$343	\$0
Response Complete	14	Response Complete	2	IRA	4(4)	0(0)	0(0)	0(0)			REG		\$4,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$302	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	2	0	\$3,288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$294	\$0
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	3	0	2	0	\$22,399	\$0	\$1,515	\$0	\$50	\$0	\$15,307	\$0	FY15	\$329	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$140	\$0	\$180	\$0	FY10-Comp. IRP		\$24,136
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	2	0	\$11	\$0	\$11	\$0	\$150	\$0	\$81	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP Final RC: FY 2042 MRS Final RC: FY 2003						Total	\$67,259	\$0	\$3,449	\$0	\$1,114	\$0	\$15,568	\$0	FY10-Complete		\$24,136
Total IRP Sites	21	MRSPP-6	0	Total MRSs	2																		

IRP Progress in FY09: For fiscal year (FY) 2009, remedies were selected for VAAP-18, VAAP-36, and VAAP-37. Design documents were completed for VAAP-20 and VAAP-21. A remedial investigation/feasibility study (RI/FS) was submitted for VAAP-02.	MMRP Progress in FY09: No progress reported.
IRP Progress Planned for FY10-FY11: Over the next two fiscal years remedy-in-place(RIP)/RC will be achieved at VAAP-20, VAAP-21,VAAP-36 and VAAP-37, deep soil/groundwater remedial alternatives will be re-evaluated, and a remedy selected for VAAP-35 and VAAP-02 (nitrates). The remedy for VAAP-18 will be implemented.	MMRP Progress Planned for FY10-FY11: No actions planned.

NAVY - MEMPHIS NAS / TN417002260000 / BRAC 1993 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	79	0	0	3	0	0			\$13,819	\$757	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$222	\$497
Response Complete	36	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$3,282	\$0	\$0	\$0	\$0	\$0	\$0	\$595	FY13	\$341	\$1,005
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$325	\$366
Medium	0	MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0	0	0	\$1,830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$422	\$619
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0	\$4,020	\$0	\$842	\$0	\$622	\$0	\$310	\$0	FY10-Comp. IRP		\$8,056
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$3,082
Not Required	43	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY 2029						Total	\$23,280	\$757	\$842	\$0	\$622	\$0	\$310	\$595	FY10-Complete		\$11,138
Total IRP Sites	79	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed																	

IRP Progress in FY09: Completed SWMU 2, 14, 46 and 39 Corrective Measures Studies (CMS) and Voluntary Corrective Actions at SWMU 3 and 19. Began AOCA Interim Measures Implementation Action.	MMRP Progress in FY09: Draft QAPP for SI work
IRP Progress Planned for FY10-FY11: Should complete Interim Measures at AOCA and SWMU 14, 46, 2, and 39.	MMRP Progress Planned for FY10-FY11: Complete SI and evaluate removal at Pistol range

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																				
	Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
		Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Tennessee

FORMERLY USED DEFENSE SITES - TULLA BMBG & GUNRY RGE / TN49799F352800

IRP Sites and MRSs by Classification						Study	0	0	0	1	0	0			\$0	\$202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,513	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2042						Total	\$0	\$202	\$0	FY10-Complete		\$13,513									
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																						

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: An RI/FS is recommended when funds are available.

MMRP Progress Planned for FY10-FY11: Pursue funding for RI/FS in the out years.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																														
		Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)											
			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP									
			Sites (Actions)								IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP										
Texas																														
ARMY - FORT BLISS / TX621372010100 / RAB / C-TECH																														
IRP Sites and MRSs by Classification										Study	81	3	0	2	0	0			FUND	\$5,561	\$4,347	\$0	\$3,882	\$0	\$80	\$0	\$1,978	FY12	\$0	\$5,807
Response Complete	81	Response Complete	3		IRA	0(0)	0(0)	0(0)	1(1)									FUND	\$640	\$394	\$0	\$7	\$0	\$0	\$0	\$0	FY13	\$0	\$22,364	
High	0	MRSPP-1	0	MRSPP-7	0	Design	32	0	0	0	0	2						FUND	\$2,562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$7,374	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	36	0	0	0	0	2						REG	\$10,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$7,758	
Low	0	MRSPP-3	1	Evaluation Pending	1	RA-O	3	0	0	0	0	0							\$198	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$126		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	7	0	0	2							\$462	\$0	\$20	\$0	\$126	\$0	\$0	FY10-Comp. MMRP		\$117,650		
Not Required	0	MRSPP-5	0	No Longer Required	3	IRP Final RC: FY 2004 MRS Final RC: FY 2018						Total	\$19,863	\$4,741	\$20	\$3,889	\$126	\$80	\$0	\$1,978	FY10-Complete		\$117,776							
Total IRP Sites	81	MRSPP-6	0	Total MRSs	5	Five-Year Review Completed and Underway																								
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: The Castner Range (FTBLS-004-R-01) interim remedial action (IRA) was completed. An SI for FTBLS-002-R-01 was funded and initiated in FY2008.																				
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: The SI for FTBLS-002-R-01 is expected to be completed in FY2010. An installation-wide remedial investigation (RI)/feasibility study (FS) will be initiated in FY2010.																				
ARMY - LONGHORN ARMY AMMUNITION PLANT / TX621382052900 / NPL / RAB / C-TECH																														
IRP Sites and MRSs by Classification										Study	43	1	5	2	0	0				\$45,285	\$2,423	\$0	\$8	\$0	\$0	\$0	\$0	FY12	\$551	\$0
Response Complete	39	Response Complete	1		IRA	2(2)	2(4)	2(2)	0(0)										\$9,831	\$110	\$0	\$110	\$0	\$0	\$0	\$0	FY13	\$537	\$0	
High	6	MRSPP-1	0	MRSPP-7	0	Design	3	0	6	0	0	0							\$865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$82	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	6	0	0	0							\$40,206	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$567	\$78	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	9	0	0	0							\$4,843	\$0	\$722	\$0	\$788	\$0	\$573	\$0	FY10-Comp. IRP		\$13,766	
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	2	0	0	0	0	2							\$72	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$438	
Not Required	3	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2040 MRS Final RC: FY 2010						Total	\$101,102	\$2,533	\$722	\$118	\$788	\$0	\$573	\$0	\$0	FY10-Complete		\$14,204						
Total IRP Sites	48	MRSPP-6	0	Total MRSs	3	Five-Year Review Completed																								
IRP Progress in FY09: Refer to Page D-108.										MMRP Progress in FY09: Refer to Page D-108.																				
IRP Progress Planned for FY10-FY11: Refer to Page D-108.										MMRP Progress Planned for FY10-FY11: Refer to Page D-108.																				
ARMY - RED RIVER ARMY DEPOT / TX621382073800 / BRAC 1995/2005 Realignment / RAB / C-TECH / C-REG																														
IRP Sites and MRSs by Classification										Study	76	3	3	9	0	0				\$14,092	\$1,798	\$302	\$406	\$0	\$10	\$0	\$0	FY12	\$496	\$1,621
Response Complete	63	Response Complete	3		IRA	0(0)	0(0)	0(0)	0(0)										\$9,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$7,194	\$6,343	
High	2	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0							\$1,277	\$0	\$0	\$0	\$10	\$262	\$37	\$0	FY14	\$505	\$11,773	
Medium	0	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	0	0							\$17,306	\$0	\$0	\$0	\$95	\$2,618	\$1,722	\$0	FY15	\$12,326	\$561	
Low	2	MRSPP-3	2	Evaluation Pending	2	RA-O	0	0	0	0	0	0							\$979	\$0	\$572	\$0	\$457	\$0	\$361	\$0	FY10-Comp. IRP		\$45,003	
Not Evaluated	1	MRSPP-4	3	No Known/Suspected	0	LTM	0	0	0	0	0	0							\$3,201	\$0	\$67	\$0	\$107	\$0	\$107	\$0	FY10-Comp. MMRP		\$26,288	
Not Required	11	MRSPP-5	1	No Longer Required	3	IRP Final RC: FY 2017 MRS Final RC: FY 2017						Total	\$46,605	\$1,798	\$941	\$406	\$669	\$2,890	\$2,227	\$0	\$0	FY10-Complete		\$71,291						
Total IRP Sites	79	MRSPP-6	0	Total MRSs	12																									
IRP Progress in FY09: Refer to Page D-161.										MMRP Progress in FY09: Refer to Page D-161.																				
IRP Progress Planned for FY10-FY11: Refer to Page D-161.										MMRP Progress Planned for FY10-FY11: Refer to Page D-161.																				

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Texas

NAVY - CORPUS CHRISTI NAS / TX617002278700 / C-TECH

IRP Sites and MRSs by Classification				Study	21	0	0	4	0	0			\$4,838	\$2,191	\$0	\$531	\$0	\$366	\$0	\$0	FY12	\$265	\$767
Response Complete	16	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$269	\$1,065
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	2		\$48	\$0	\$0	\$0	\$0	\$0	\$0	\$27	FY14	\$167	\$260
Medium	0	MRSPP-2	0	MRSPP-8	2	RA-C	2	0	0	0	2	TECH	\$3,163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$168	\$102
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	5	0	0		\$3,268	\$0	\$663	\$0	\$895	\$0	\$155	\$0	FY10-Comp. IRP		\$5,793
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	5	4		\$0	\$0	\$0	\$31	\$0	\$103	\$0	FY10-Comp. MMRP		\$4,242
Not Required	5	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2019 MRS Final RC: FY 2021						Total	\$11,385	\$2,191	\$663	\$531	\$926	\$366	\$258	\$27	FY10-Complete		\$10,035
Total IRP Sites	21	MRSPP-6	0	Total MRSs	4	Five-Year Review Completed																	

<p>IRP Progress in FY09: FY09: RAO monitoring continued at SWMUs 1, 2, 4, 5 & UST 9. New corrective action plan for UST 9 developed.</p> <p>IRP Progress Planned for FY10-FY11: FY10/11: Dual-phase extraction system planned at UST 9. RAO monitoring will be continued at SWMUs 5 & UST 9. LTM will be started at SWMUs 1, 2, and 4.</p>	<p>MMRP Progress in FY09: FY09: Site Investigations completed at UXO 1 and UXO 4. Site Investigations underway at UXO 2 and UXO 3.</p> <p>MMRP Progress Planned for FY10-FY11: FY10/11: Remedial Investigation planned for UXO 1. Site Inspections will be completed at UXO 2 & UXO 3.</p>
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NAVY - DALLAS NWIRP / TX617002277000 / RAB

IRP Sites and MRSs by Classification				Study	23	0	0	0	0	0			\$12,244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$2,394	\$0
Response Complete	9	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$6,537	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,740	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	FUND	\$372	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,445	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	1	0	0	FUND	\$16,152	\$0	\$35	\$0	\$429	\$0	\$531	\$0	FY15	\$10,482	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	1		\$290	\$0	\$207	\$0	\$167	\$0	\$170	\$0	FY10-Comp. IRP		\$28,337
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$4,629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	13	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2037 MRS Final RC: FY -						Total	\$40,224	\$0	\$242	\$0	\$596	\$0	\$701	\$0	FY10-Complete		\$28,337
Total IRP Sites	23	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																	

<p>IRP Progress in FY09: Soils RACR was submitted Feb 09. CWB purchase was completed in Dec 08. Draft RAPs for GW and Sediments were submitted in June 09. CAO was submitted in June 09.</p> <p>IRP Progress Planned for FY10-FY11: Groundwater LTM will begin. PRB CCR will be approved. ET, FOSET, and Quit Claim Deed will be submitted for Governor's signature. PMZ from City of Dallas will be obtained. ECP will be finalized. RAPs, CAO, & FOST to be finalized.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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NAVY - MCGREGOR NWIRP / TX617002470800 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	19	0	0	0	0	0			\$13,303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,003	\$0
Response Complete	14	Response Complete	0	IRA	3(3)	0(0)	0(0)	0(0)					\$25,581	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,153	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,173	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	FUND	\$2,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,192	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	5	0	0		\$7,973	\$0	\$1,013	\$0	\$1,098	\$0	\$1,091	\$0	FY10-Comp. IRP		\$28,744
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	5	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2021 MRS Final RC: FY -						Total	\$49,179	\$0	\$1,013	\$0	\$1,098	\$0	\$1,091	\$0	FY10-Complete		\$28,744
Total IRP Sites	19	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																	

<p>IRP Progress in FY09: Continue running Area M treatment system. Transfer property. Continue LTM.</p> <p>IRP Progress Planned for FY10-FY11: Continue running Area M treatment system. Continue LTM.</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria **Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding
 Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																									
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)								
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

Texas

◆ **FORMERLY USED DEFENSE SITES - AMARILLO AIR FORCE BASE / TX69799F649900**

IRP Sites and MRSs by Classification				Study	5	0	0	1	0	0			\$5,258	\$167	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	1		\$128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	3	0	1		\$5,068	\$0	\$68	\$0	\$71	\$0	\$0	\$0	FY15	\$0	\$0
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$570	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$15,681	
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2015		MRS Final RC: FY 2053		Total		\$10,891	\$167	\$68	\$0	\$71	\$0	\$0	\$0	\$0	FY10-Complete	\$16,251	
Total IRP Sites	5	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: Landfill: GW monitoring has ceased due to 4 consecutive sampling rounds with no exceedences. TCEQ does not concur with discontinuance of sampling and issue being worked with regulators. Small Arms Firing Range: Currently undergoing RD/RA.</p> <p>IRP Progress Planned for FY10-FY11: Continue to negotiate with regulators to resolve outstanding issues for the projects and associated reports. Resolve ongoing/new PRP issues. Review/evaluate findings at SAFR and determine future actions - coordinate with regulators & stakeholders.</p>	<p>MMRP Progress in FY09: Final MMRP SI report recommended proceeding to RIFS for two MRSs and NDAI for two MRSs. Regulators disagree and district is working to resolve issues.</p> <p>MMRP Progress Planned for FY10-FY11: Resolve issues with regulators and evaluate future funding of RIFS.</p>
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◆ **FORMERLY USED DEFENSE SITES - CAMP BARKELEY (FORT BARKLEY) / TX69799F644200**

IRP Sites and MRSs by Classification				Study	2	1	0	1	0	0			\$13	\$268	\$0	\$5	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	2	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	1		\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$1	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	2		\$0	\$0	\$0	\$0	\$1	\$8	\$0	\$0	FY10-Comp. MMRP	\$79,744	
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 1998		MRS Final RC: FY 2057		Total		\$44	\$268	\$0	\$5	\$1	\$8	\$0	\$0	\$0	FY10-Complete	\$79,745	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	2																		

<p>IRP Progress in FY09: No progress reported.</p> <p>IRP Progress Planned for FY10-FY11: CON/HTRW scheduled PCO in FY10.</p>	<p>MMRP Progress in FY09: Complete SI.</p> <p>MMRP Progress Planned for FY10-FY11: MMRP/CWM scheduled PCO in FY10.</p>
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◆ **FORMERLY USED DEFENSE SITES - CAMP BOWIE / TX69799F644400 / C-TECH**

IRP Sites and MRSs by Classification				Study	2	0	1	1	0	0			\$1,149	\$2,794	\$6	\$2	\$86	\$0	\$2	\$0	FY12	\$81	\$0
Response Complete	2	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$88	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$885	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	1	1		\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$60	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1		\$43	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$60	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$1,516	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	2	1		\$0	\$0	\$0	\$0	\$1	\$0	\$0	\$0	FY10-Comp. MMRP	\$26,633	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016		MRS Final RC: FY 2073		Total		\$1,222	\$2,882	\$6	\$2	\$87	\$0	\$2	\$0	\$0	FY10-Complete	\$28,149	
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1																		

<p>IRP Progress in FY09: Continue the RIFS on HTRW.</p> <p>IRP Progress Planned for FY10-FY11: Complete RIFS on HTRW in FY11 and begin RD in FY12. Complete PCO on CON/HTRW in FY10.</p>	<p>MMRP Progress in FY09: Completed EE/CA Phase.</p> <p>MMRP Progress Planned for FY10-FY11: Nothing scheduled.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Texas

◆ FORMERLY USED DEFENSE SITES - CAMP SWIFT / TX69799F668500 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	2	0	0	1	0	0			\$13	\$3,955	\$0	\$195	\$0	\$247	\$0	\$123	FY12	\$0	\$4,535
Response Complete	2	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$434	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1		\$168	\$0	\$0	\$0	\$0	\$0	\$0	\$84	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	1	0		\$243	\$22	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$19,460
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1996 MRS Final RC: FY 2019					Total	\$424	\$4,411	\$0	\$195	\$0	\$247	\$0	\$207	FY10-Complete		\$19,460	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: Continue with RI/FS.

MMRP Progress Planned for FY10-FY11: Complete RI/FS and begin RD.

◆ FORMERLY USED DEFENSE SITES - CAMP WOLTERS / TX69799F646400 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	1	0	0			\$590	\$950	\$17	\$175	\$576	\$5	\$46	\$158	FY12	\$0	\$16
Response Complete	1	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$46	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1		\$265	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$824	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	1		\$1,130	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$86	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$2,067
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	1		\$7	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$22,595
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2016 MRS Final RC: FY 2025					Total	\$1,992	\$1,125	\$17	\$175	\$576	\$5	\$46	\$158	FY10-Complete		\$24,662	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Complete SI phase.

IRP Progress Planned for FY10-FY11: Schedule RI/FS.

MMRP Progress in FY09: Schedule and award SI.

MMRP Progress Planned for FY10-FY11: Complete SI.

◆ FORMERLY USED DEFENSE SITES - CASTNER RANGE / TX69799F648000

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$157	\$0	\$157	\$0	\$22	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$130	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$14,666
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2040					Total	\$0	\$287	\$0	\$157	\$0	\$22	\$0	\$0	FY10-Complete		\$14,666	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Begin MMRP SI phase.

MMRP Progress Planned for FY10-FY11: Complete SI.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																									
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)								
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	Sites (Actions)																IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP

Texas

◆ FORMERLY USED DEFENSE SITES - DALHART PREC BOMB RGE 3-4 / TX69799F665000

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$211	\$0	\$18	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$18,210	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2077					Total	\$0	\$211	\$0	\$18	\$0	\$0	\$0	\$0	FY10-Complete		\$18,210	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: MMRP SI received and recommended RIFS for the only MRS.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: Evaluate future funding for the RIFS.

◆ FORMERLY USED DEFENSE SITES - FORT CLARK / TX69799F644600 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$13	\$273	\$0	\$9	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	\$154	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$1	\$0	\$0	\$0	FY10-Comp. MMRP		\$21,808	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1999 MRS Final RC: FY 2104					Total	\$177	\$273	\$0	\$9	\$1	\$0	\$0	\$0	FY10-Complete		\$21,809	
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: Complete SI.
IRP Progress Planned for FY10-FY11: Complete PCO on CON/HTRW.	MMRP Progress Planned for FY10-FY11: Nothing planned.

◆ FORMERLY USED DEFENSE SITES - MATAGORDA ISLAND AF RANGE / TX69799F648300 / C-TECH

IRP Sites and MRSs by Classification				Study	3	0	0	1	0	0			\$84	\$126	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	3	Response Complete	0	IRA	1(1)	1(1)	0(0)	0(0)				\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	1	\$181	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	1	\$1,062	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$79,722	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1995 MRS Final RC: FY 2073					Total	\$1,362	\$126	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$79,722	
Total IRP Sites	3	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: No work performed.
IRP Progress Planned for FY10-FY11: No actions planned.	MMRP Progress Planned for FY10-FY11: No work scheduled.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Texas

FORMERLY USED DEFENSE SITES - MATAGORDA PENINSULA BOMBING RANGE / TX69799F825800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	1	0	0			\$3	\$147	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$80	\$0	
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$854	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$19,758	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY 2084					Total	\$3	\$147	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$20,612	
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: No work performed.
IRP Progress Planned for FY10-FY11: No actions planned.	MMRP Progress Planned for FY10-FY11: No work scheduled.

FORMERLY USED DEFENSE SITES - NAVY AUXILIARY FIELD(INS) / TX69799F804500 / C-TECH

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$63	\$195	\$0	\$8	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,129	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2000 MRS Final RC: FY 2087					Total	\$63	\$195	\$0	\$8	\$0	\$0	\$0	\$0	FY10-Complete		\$11,129	
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.	MMRP Progress in FY09: Complete SI.
IRP Progress Planned for FY10-FY11: No actions planned.	MMRP Progress Planned for FY10-FY11: Nothing planned.

FORMERLY USED DEFENSE SITES - PYOTE AAF A-G GUNNERY RANGE / TX69799F653900

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$155	\$0	\$13	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$19,467	
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2115					Total	\$0	\$155	\$0	\$13	\$0	\$0	\$0	\$0	FY10-Complete		\$19,467	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: Complete SI.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: Nothing planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*															FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
Phase	Completed		Underway		Future		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP						
	IRP	MMRP	IRP	MMRP	IRP	MMRP																Sites (Actions)					

Texas

◆ **FORMERLY USED DEFENSE SITES - PYOTE AAF GROUND GUNNERY RANGE / TX69799F654000**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$0	\$0	\$0	\$0	\$158	\$0	\$20	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,651
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2094					Total	\$0	\$0	\$0	\$0	\$0	\$158	\$0	\$20	FY10-Complete		\$12,651	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: Begin SI phase.

MMRP Progress Planned for FY10-FY11: Complete SI.

◆ **FORMERLY USED DEFENSE SITES - RED RIVER ARS RIF RANGE / TX69799F653300**

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$178	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,320
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2100					Total	\$0	\$178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,320
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																					
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)				
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP		
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP					
Utah																					
ARMY - DEFENSE DIST DEPOT OGDEN UTAH / UT821002092200 / NPL / BRAC 1995																					
IRP Sites and MRSs by Classification										Study	3	0	0	0	0	0					
Response Complete	1	Response Complete	0			IRA	3(3)	0(0)	0(0)	0(0)											
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0									
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	0	0									
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	2	0	0	0									
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	2	0									
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2015 MRS Final RC: FY -					Total	\$7,200	\$0	\$790	\$0	\$2,432	\$0	\$934	\$0	FY10-Complete	\$11,241
Total IRP Sites	3	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future															
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: No MMRP sites identified.											
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.											
ARMY - DESERET CHEMICAL DEPOT / UT821382026500 / BRAC 2005 Closure / RAB / C-EST																					
IRP Sites and MRSs by Classification										Study	25	2	2	4	0	0					
Response Complete	22	Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)											
High	2	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0									
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0									
Low	1	MRSPP-3	4	Evaluation Pending	0	RA-O	0	0	0	0	0	0									
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0	0									
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2014 MRS Final RC: FY 2016					Total	\$23,003	\$323	\$261	\$36	\$81	\$28,841	\$82	\$0	FY10-Complete	\$196,733
Total IRP Sites	27	MRSPP-6	0	Total MRSs	6	Five-Year Review Planned for Future															
IRP Progress in FY09: Refer to Page D-49.										MMRP Progress in FY09: Refer to Page D-49.											
IRP Progress Planned for FY10-FY11: Refer to Page D-49.										MMRP Progress Planned for FY10-FY11: Refer to Page D-49.											
ARMY - DUGWAY PROVING GROUND / UT821412028300 / RAB																					
IRP Sites and MRSs by Classification										Study	205	0	1	1	0	0	REG				
Response Complete	201	Response Complete	0			IRA	78(93)	0(0)	0(0)	0(0)											
High	0	MRSPP-1	0	MRSPP-7	0	Design	52	0	1	0	0	0	REG								
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	51	0	4	0	0	0	REG								
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	2	0	1	0	0	0									
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	31	0	4	0									
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2018 MRS Final RC: FY 2013					Total	\$162,785	\$187	\$561	\$8	\$2,343	\$25	\$2,844	\$6,377	FY10-Complete	\$39,274
Total IRP Sites	206	MRSPP-6	0	Total MRSs	1																
IRP Progress in FY09: All fieldwork for performance-based contracts (PBCs) I and II has been completed with the exception of DPG-009. DPG is awaiting UDEQ approval for final closure documents for some sites in the PBCs. Sites under the RCRA facility investigation (RFI) contract DPG-004, -035, -114 have designs completed. Groundwater (GW) monitoring continues under the approved approach.										MMRP Progress in FY09: A site inspection (SI) was initiated in FY08 and is in progress at this time.											
IRP Progress Planned for FY10-FY11: Design and remediation work is expected to conclude on DPG-011, -032, -192, and -204 within the next two years.										MMRP Progress Planned for FY10-FY11: Future action will be determined on the basis of the SI results pending completion in FY10. Remedial investigation/feasibility study (RI/FS) is anticipated to start in FY11.											

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Utah

ARMY - MTA-L CAMP WILLIAMS WEST FED / UT8211849A6000

IRP Sites and MRSs by Classification				Study	0	3	0	6	0	0			\$0	\$3,446	\$0	\$3,235	\$0	\$118	\$0	\$378	FY12	\$0	\$76
Response Complete	0	Response Complete	3	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$156
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	3			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$15,072
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	3	Evaluation Pending	2	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$15,800
Not Required	0	MRSPP-5	1	No Longer Required	3	IRP Final RC: FY - MRS Final RC: FY 2016					Total	\$0	\$3,446	\$0	\$3,235	\$0	\$118	\$0	\$378	FY10-Complete		\$15,800	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	9																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: The remedial investigation (RI) is underway for WILLI-002-R-01, WILLI-003-R-01, WILLI-004-R-01, and WILLI-007-R-01. The site inspection (SI) is underway for WILLI-008-R-01 and WILLI-009-R-01.

MMRP Progress Planned for FY10-FY11: For sites WILLI-002-R-01, WILLI-003-R-01, WILLI-004-R-01, and WILLI-007-R-01, the RIs will be completed and the feasibility studies (FS) will begin. For WILLI-008-R-01 and WILLI-009-R-01, the SIs will be completed and the RI/FS phase will begin.

ARMY - TOOELE ARMY DEPOT / UT821382089400 / NPL / BRAC 1993 / RAB / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	61	1	3	7	0	0			\$46,653	\$2,970	\$30	\$2,645	\$0	\$4	\$0	\$0	FY12	\$1,644	\$2,567
Response Complete	60	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,427	\$157
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0		\$7,774	\$0	\$1,406	\$0	\$0	\$0	\$102	\$0	FY14	\$1,451	\$10,404
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0		\$38,766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$4,657	\$0
Low	0	MRSPP-3	1	Evaluation Pending	1	RA-O	0	0	0	0	0		\$26,894	\$0	\$861	\$0	\$3,260	\$0	\$1,485	\$0	FY10-Comp. IRP		\$21,775
Not Evaluated	2	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0		\$2,149	\$0	\$48	\$0	\$48	\$0	\$48	\$0	FY10-Comp. MMRP		\$15,956
Not Required	1	MRSPP-5	2	No Longer Required	1	IRP Final RC: FY 2015 MRS Final RC: FY 2016					Total	\$123,214	\$2,970	\$2,345	\$2,645	\$3,308	\$4	\$1,533	\$102	\$0	FY10-Complete		\$37,731
Total IRP Sites	64	MRSPP-6	2	Total MRSs	8	Five-Year Review Completed																	

IRP Progress in FY09: Refer to Page D-180.

IRP Progress Planned for FY10-FY11: Refer to Page D-180.

MMRP Progress in FY09: Refer to Page D-180.

MMRP Progress Planned for FY10-FY11: Refer to Page D-180.

AIR FORCE - HILL AIR FORCE BASE / UT857172435000 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	204	0	8	13	13	5	TECH		\$129,026	\$5,008	\$2,717	\$0	\$757	\$735	\$0	\$0	FY12	\$26,709	\$6,056
Response Complete	186	Response Complete	0	IRA	36(93)	0(0)	10(15)	2(2)			FUND		\$79,971	\$6,813	\$4,474	\$6,813	\$3,943	\$0	\$3,934	\$0	FY13	\$24,880	\$4,608
High	0	MRSPP-1	0	MRSPP-7	0	Design	21	0	1	0	11	1	\$17,556	\$0	\$0	\$0	\$2,235	\$0	\$291	\$0	FY14	\$16,187	\$16,275
Medium	4	MRSPP-2	0	MRSPP-8	1	RA-C	33	0	2	0	11	18	\$43,275	\$0	\$14,319	\$0	\$0	\$0	\$17,938	\$0	FY15	\$26,821	\$705
Low	10	MRSPP-3	1	Evaluation Pending	11	RA-O	23	0	12	0	10	0	\$43,948	\$0	\$11,151	\$0	\$12,946	\$0	\$19,365	\$0	FY10-Comp. IRP		\$323,692
Not Evaluated	13	MRSPP-4	0	No Known/Suspected	0	LTM	17	0	8	0	24	9	\$10,014	\$0	\$152	\$0	\$272	\$0	\$951	\$0	FY10-Comp. MMRP		\$28,450
Not Required	12	MRSPP-5	5	No Longer Required	0	IRP Final RC: FY 2027 MRS Final RC: FY 2016					Total	\$323,790	\$11,821	\$32,813	\$6,813	\$20,153	\$735	\$42,479	\$0	\$0	FY10-Complete		\$352,142
Total IRP Sites	225	MRSPP-6	0	Total MRSs	18	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-90.

IRP Progress Planned for FY10-FY11: Refer to Page D-90.

MMRP Progress in FY09: Refer to Page D-90.

MMRP Progress Planned for FY10-FY11: Refer to Page D-90.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Vermont

AIR FORCE - BURLINGTON INTERNATIONAL AIRPORT / VT157282429400 / C-TECH

IRP Sites and MRSs by Classification						Study	0	0	5	0	2	0	TECH		\$6,315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0			IRA	2(2)	0(0)	5(10)	0(0)					\$8,567	\$0	\$172	\$0	\$875	\$0	\$0	\$0	FY13	\$335	\$0	
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	5	0		\$350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$645	\$0		
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	5	0		\$323	\$0	\$0	\$0	\$0	\$0	\$6,607	\$0	FY15	\$600	\$0		
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	5	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,417		
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2013 MRS Final RC: FY -						Total	\$15,555	\$0	\$172	\$0	\$875	\$0	\$6,607	\$0	FY10-Complete		\$10,417			
Total IRP Sites	7	MRSPP-6	0	Total MRSs	0																					

<p>IRP Progress in FY09: Sites 1,4,5 IRAC - Active - Site 2 - IRAC - SVE 95% Design Complete, Public Notice, Action Memo - Sites 1,2,4,5 - R/FS</p> <p>IRP Progress Planned for FY10-FY11: Draft Final RI under review by Regulator - Draft FS under review by BAH - All Sites are High Relative Risk - DPGs require RIP FY 07 - RPO scheduled 20 Dec 05</p>	<p>MMRP Progress in FY09: No MMRP sites identified.</p> <p>MMRP Progress Planned for FY10-FY11: No MMRP sites identified.</p>
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*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																												
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)											
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP									
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP												
Virginia																												
ARMY - FORT BELVOIR / VA321022008200 / C-TECH																												
IRP Sites and MRSs by Classification										Study	58	25	23	10	0	0	FUND	\$2,213	\$5,125	\$0	\$3,684	\$6,302	\$371	\$0	\$0	FY12	\$852	\$209
Response Complete	48	Response Complete	25	IRA			6(7)	0(0)	0(0)	2(2)						FUND	\$524	\$7,221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,071	\$3,664
High	0	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	1	0	5	FUND	\$145	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$678	\$13,256
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	11	1	1	2	0	5	FUND	\$3,098	\$2,094	\$1,033	\$1,798	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$639	\$14,462
Low	0	MRSPP-3	1	Evaluation Pending	1	RA-O	2	0	9	1	1	0		\$2,721	\$37	\$281	\$37	\$1,077	\$0	\$1,841	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$26,043	
Not Evaluated	24	MRSPP-4	2	No Known/Suspected	0	LTM	1	0	0	4	5	6		\$59	\$0	\$0	\$0	\$0	\$3,032	\$89	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$38,891	
Not Required	9	MRSPP-5	3	No Longer Required	25	IRP Final RC: FY 2040 MRS Final RC: FY 2018						Total	\$8,760	\$14,477	\$1,314	\$5,519	\$7,383	\$3,403	\$1,930	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$64,934	
Total IRP Sites	81	MRSPP-6	3	Total MRSs	35	Five-Year Review Planned for Future																						
IRP Progress in FY09: Operation and maintenance of a dual-phase extraction system (DPE) and soil vapor extraction/air sparging (SVE/AS) system at FTBL-51 continued. The nature and extent of contamination at solid waste management units (SWMU) was determined.										MMRP Progress in FY09: The FTBL PBA@munitions response (MR) is currently underway. Scope development for the main post PBA was performed. Further investigation was recommended for Military Munitions Response Program (MMRP) sites not covered under the PBA.																		
IRP Progress Planned for FY10-FY11: The vapor portion of the FTBL-51 DPE system will continue to treat petroleum impacted vapors. LTM for natural attenuation at FTBL-66, FTBL-68, and FTBL-69 will continue. Monitoring will cease when remedial endpoints are met.										MMRP Progress Planned for FY10-FY11: A remedial investigation/feasibility study (RI/FS) associated with the main post PBA is scheduled to start in Fiscal Year (FY) 2009. Future phases of the FTBL PBA@MR are expected to continue into FY2010. Further investigation will continue for the MMRP sites not covered under the PBA.																		
ARMY - FORT EUSTIS / VA321372032100 / NPL																												
IRP Sites and MRSs by Classification										Study	25	9	6	7	0	0		\$14,702	\$754	\$228	\$29	\$115	\$6	\$0	\$2,720	FY12	\$461	\$1,676
Response Complete	24	Response Complete	9	IRA			5(6)	0(0)	0(0)	0(0)							\$3,255	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,584	\$4,492
High	4	MRSPP-1	0	MRSPP-7	1	Design	7	0	1	0	4	7		\$1,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$260	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	4	7		\$29,487	\$0	\$0	\$0	\$0	\$0	\$1,381	\$249	\$0	\$0	\$0	\$0	FY15	\$267	\$197
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	1	0	0	0		\$168	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$5,297
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	5	0	4	0	5	4		\$3,691	\$0	\$149	\$0	\$152	\$0	\$303	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$12,186
Not Required	0	MRSPP-5	2	No Longer Required	9	IRP Final RC: FY 2017 MRS Final RC: FY 2017						Total	\$53,049	\$754	\$377	\$29	\$267	\$6	\$1,684	\$2,969	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$17,483
Total IRP Sites	31	MRSPP-6	2	Total MRSs	16	Five-Year Review Completed and Planned for Future																						
IRP Progress in FY09: Refer to Page D-67.										MMRP Progress in FY09: Refer to Page D-67.																		
IRP Progress Planned for FY10-FY11: Refer to Page D-67.										MMRP Progress Planned for FY10-FY11: Refer to Page D-67.																		
ARMY - FORT LEE / VA321372050200																												
IRP Sites and MRSs by Classification										Study	33	2	0	3	0	0		\$10,043	\$726	\$0	\$498	\$0	\$52	\$0	\$2,129	FY12	\$284	\$7,136
Response Complete	33	Response Complete	2	IRA			3(4)	0(0)	0(0)	0(0)							\$1,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$401	\$11
High	0	MRSPP-1	0	MRSPP-7	1	Design	9	0	0	0	0	3		\$1,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$252	\$355
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	0	0	3		\$13,350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$280	\$54
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	0	0	0	0		\$71	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$1,956
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	6	0	1	2		\$1,348	\$0	\$297	\$0	\$295	\$0	\$359	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,947
Not Required	0	MRSPP-5	1	No Longer Required	2	IRP Final RC: FY 2009 MRS Final RC: FY 2017						Total	\$27,564	\$726	\$297	\$498	\$295	\$52	\$359	\$2,129	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$12,903
Total IRP Sites	33	MRSPP-6	1	Total MRSs	5	Five-Year Review Planned for Future																						
IRP Progress in FY09: No progress reported.										MMRP Progress in FY09: A PBA was scheduled for award in May 2009; it will fund RIs at FTLE-002-R-01 and FTLE-005-R-01.																		
IRP Progress Planned for FY10-FY11: No actions planned.										MMRP Progress Planned for FY10-FY11: RIs are scheduled for completion by September 2010.																		

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Virginia

ARMY - FORT MONROE / VA321372060300 / BRAC 2005 Closure / RAB

IRP Sites and MRSs by Classification				Study	9	0	8	16	0	0	0	CONT	REG	\$5,384	\$1,199	\$3,042	\$869	\$230	\$0	\$0	\$0	FY12	\$634	\$4,903
Response Complete	6	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$8,037	\$4,608
High	1	MRSPP-1	0	MRSPP-7	0	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$30	\$450	\$10	\$0	FY14	\$638	\$51,854
Medium	1	MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0	0			\$18	\$0	\$18	\$0	\$342	\$2,643	\$92	\$0	FY15	\$0	\$1,284
Low	9	MRSPP-3	1	Evaluation Pending	1	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,013
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$65,742
Not Required	0	MRSPP-5	10	No Longer Required	0	IRP Final RC: FY 2014 MRS Final RC: FY 2015						Total	\$5,402	\$1,199	\$3,060	\$869	\$602	\$3,093	\$102	\$0	FY10-Complete		\$75,755	
Total IRP Sites	17	MRSPP-6	2	Total MRSs	16																			

IRP Progress in FY09: Refer to Page D-74.

IRP Progress Planned for FY10-FY11: Refer to Page D-74.

MMRP Progress in FY09: Refer to Page D-74.

MMRP Progress Planned for FY10-FY11: Refer to Page D-74.

ARMY - RADFORD ARMY AMMUNITION PLANT / VA321382073000 / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	39	0	8	1	0	0	REG	Study	\$21,745	\$144	\$181	\$15	\$8	\$30	\$0	\$0	FY12	\$1,247	\$0	
Response Complete	34	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)				\$2,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,031	\$0	
High	8	MRSPP-1	0	MRSPP-7	1	Design	4	0	4	1	5	0	REG	\$503	\$0	\$0	\$0	\$63	\$0	\$10	\$0	FY14	\$1,120	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	3	1	6	0	REG	\$22,774	\$266	\$3,701	\$266	\$1,492	\$469	\$2,352	\$0	FY15	\$1,033	\$0
Low	5	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$31,650	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	3	0	11	1		\$4,312	\$0	\$378	\$0	\$599	\$0	\$1,033	\$397	FY10-Comp. MMRP		\$896
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2012 MRS Final RC: FY 2011						Total	\$51,464	\$410	\$4,260	\$281	\$2,162	\$499	\$3,395	\$397	FY10-Complete		\$32,546	
Total IRP Sites	47	MRSPP-6	0	Total MRSs	1																			

IRP Progress in FY09: RFI/CMS reports were approved for SWMUs 51, 54, & FLFA. WPAs were approved for 020, 021, 022, 023, 024, & 025 and were submitted for 026 & 027. Sampling efforts were completed at SWMUs 35, 37, 38, AOC Q, 57, 45, 13, 31, HWMU 5/RAAP-047, 31, AOC A, & NRU. RFI/CMS reports were submitted for SWMUs 40/71, 48, 49, AOC O, 57, & 31. Interim measure work plans (IMWP) were submitted for SWMU 51 and AOC FLFA with SWMU 51 approved. Interim measure (IM) efforts were started at SWMU 51 on 8/30.

IRP Progress Planned for FY10-FY11: The RFI/CMS for SWMUs 13, 40/71, 45, 31, 41, 48, 49, 50, 59, 43, 35, 37, 38, AOCs O, P, former lead furnace area (FLFA), A, Q, and NRU will be completed, as will the cleanup at SWMUs 39, 41, 48, 49, 51, 54, AOC FLFA and hazardous waste management unit (HWMU) 5. RAAP-047 is anticipated to be no further action (NFA), and closure documentation will be prepared.

MMRP Progress in FY09: No progress reported.

MMRP Progress Planned for FY10-FY11: No actions planned.

NAVY - DAHLGREN NSWC / VA317002468500 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	65	0	4	0	1	0	FUND	Study	\$17,509	\$0	\$159	\$0	\$25	\$0	\$220	\$0	FY12	\$1,045	\$0	
Response Complete	57	Response Complete	0	IRA	31(31)	0(0)	2(2)	0(0)				\$15,899	\$0	\$1,436	\$0	\$777	\$0	\$152	\$0	FY13	\$557	\$0		
High	2	MRSPP-1	0	MRSPP-7	0	Design	13	0	0	0	0			\$3,683	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$386	\$0
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	1	0	1	0	TECH	\$25,477	\$0	\$170	\$0	\$0	\$0	\$309	\$0	FY15	\$318	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	2	0	0			\$1,508	\$0	\$0	\$0	\$150	\$0	\$823	\$0	FY10-Comp. IRP		\$14,006
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	10	0	2	0		\$5,236	\$0	\$980	\$0	\$737	\$0	\$662	\$0	FY10-Comp. MMRP		\$0
Not Required	8	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2020 MRS Final RC: FY -						Total	\$69,312	\$0	\$2,745	\$0	\$1,689	\$0	\$2,166	\$0	FY10-Complete		\$14,006	
Total IRP Sites	70	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed																		

IRP Progress in FY09: Refer to Page D-137.

IRP Progress Planned for FY10-FY11: Refer to Page D-137.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																													
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)												
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP										
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP													
Virginia																													
◆ NAVY - LITTLE CREEK NAB / VA317002248200 / NPL / RAB																													
IRP Sites and MRSs by Classification										Study	38	0	1	1	0	0			\$14,430	\$219	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$843	\$0
Response Complete	29	Response Complete	0			IRA	5(5)	0(0)	0(0)	0(0)								\$2,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,933	\$0	
High	3	MRSPP-1	0	MRSPP-7	0	Design	9	0	1	0	1	0						\$1,006	\$0	\$223	\$0	\$109	\$0	\$0	\$0	FY14	\$535	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	0	0	3	0						\$10,066	\$0	\$0	\$0	\$878	\$0	\$1,595	\$0	FY15	\$674	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	5	0	2	0						\$3,140	\$0	\$497	\$0	\$527	\$0	\$606	\$0	FY10-Comp. IRP	\$23,138	\$0	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	0	0						\$1,788	\$0	\$53	\$0	\$53	\$0	\$54	\$0	FY10-Comp. MMRP	\$0	\$0	
Not Required	6	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2051		MRS Final RC: FY 2011										Total	\$32,666	\$219	\$773	\$0	\$1,567	\$0	\$2,255	\$0	FY10-Complete	\$23,138	\$0
Total IRP Sites	39	MRSPP-6	0	Total MRSs	1	Five-Year Review Completed and Planned for Future																							
IRP Progress in FY09: Refer to Page D-130.										MMRP Progress in FY09: Refer to Page D-130.																			
IRP Progress Planned for FY10-FY11: Refer to Page D-130.										MMRP Progress Planned for FY10-FY11: Refer to Page D-130.																			
◆ NAVY - NORFOLK COMNAVBASE / VA317002741400 / NPL / RAB																													
IRP Sites and MRSs by Classification										Study	62	0	0	0	1	0			\$16,384	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$1,162	\$0
Response Complete	46	Response Complete	0			IRA	19(20)	0(0)	0(0)	0(0)								\$7,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,182	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	0	0						\$2,134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,200	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	20	0	0	0	0	0						\$60,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,224	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	7	0	10	0	1	0						\$17,652	\$0	\$2,512	\$0	\$1,255	\$0	\$1,180	\$0	FY10-Comp. IRP	\$25,502	\$0	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	3	0	5	0						\$1,468	\$0	\$61	\$0	\$61	\$0	\$65	\$0	FY10-Comp. MMRP	\$0	\$0	
Not Required	16	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2040		MRS Final RC: FY -										Total	\$105,477	\$0	\$2,573	\$0	\$1,316	\$0	\$1,245	\$0	FY10-Complete	\$25,502	\$0
Total IRP Sites	63	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																							
IRP Progress in FY09: Refer to Page D-143.										MMRP Progress in FY09: No MMRP sites identified.																			
IRP Progress Planned for FY10-FY11: Refer to Page D-143.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																			
◆ NAVY - OCEANA NAS / VA317002460600 / RAB / C-TECH																													
IRP Sites and MRSs by Classification										Study	40	0	0	1	1	0			\$5,675	\$1,780	\$0	\$1,070	\$0	\$0	\$0	\$0	FY12	\$329	\$2,065
Response Complete	29	Response Complete	0			IRA	15(15)	0(0)	0(0)	0(0)								\$1,480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$326	\$3,674	
High	0	MRSPP-1	0	MRSPP-7	1	Design	15	0	0	0	0	0						\$298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$215	\$101	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	15	0	0	0	0	0						\$7,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$217	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	10	0	1	0						\$5,914	\$0	\$275	\$0	\$937	\$0	\$311	\$0	FY10-Comp. IRP	\$4,539	\$0	
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	2	0						\$92	\$0	\$0	\$0	\$0	\$0	\$11	\$0	FY10-Comp. MMRP	\$13,840	\$0	
Not Required	11	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2023		MRS Final RC: FY 2015										Total	\$21,014	\$1,780	\$275	\$1,070	\$937	\$0	\$322	\$0	FY10-Complete	\$18,379	\$0
Total IRP Sites	41	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																							
IRP Progress in FY09: The 2008 and 2009 groundwater sampling events at SWMUs 28, 29, & 31 were completed in FY09. All wells in the monitoring network were sampled in November 2008. Only those wells exceeding MCLs were sampled in August 2009.										MMRP Progress in FY09: The site prioritization process and public notice and meeting were completed. All sites, including water ranges, were visited at the beginning of the Site Investigation phase. The SI for AOC 5 was completed and recommended No Further Action. □																			
IRP Progress Planned for FY10-FY11: Will continue GW monitoring in accordance with the Work Plan and Decision Document at SWMUs 28, 29, & 31 until RAO's (no MCL exceedences are achieved). Additional enhanced bioremediation treatment will be implemented in areas remaining above MCLs.										MMRP Progress Planned for FY10-FY11: MC & MEC work plans are currently being drafted to support field investigations and any sampling activities. Field work is currently scheduled for early FY10 with completion of the SIs at the end of FY10.																			

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Virginia

NAVY - QUANTICO MCB / VA317302472200 / NPL / C-TECH

IRP Sites and MRSs by Classification				Study	100	15	2	8	0	6	FUND	FUND	\$20,409	\$1,403	\$400	\$0	\$0	\$0	\$743	FY12	\$785	\$2,127			
Response Complete	97	Response Complete	6	IRA	15(17)	0(0)	1(1)	0(0)			FUND	FUND	\$17,287	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$859	\$575			
High	3	MRSPP-1	0	MRSPP-7	0	Design	4	0	1	0	0	6	FUND	FUND	\$1,058	\$0	\$222	\$0	\$0	\$0	FY14	\$796	\$1,204		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	1	0	1	9	FUND	FUND	\$21,560	\$0	\$1,142	\$0	\$250	\$0	\$3,310	\$0	FY15	\$810	\$3,455
Low	0	MRSPP-3	0	Evaluation Pending	23	RA-O	0	0	1	0	1	0			\$426	\$0	\$203	\$0	\$250	\$0	\$152	\$0	FY10-Comp. IRP	\$20,878	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2	LTM	2	0	3	0	1	5			\$7,028	\$0	\$1,058	\$0	\$685	\$0	\$899	\$0	FY10-Comp. MMRP	\$16,947	
Not Required	2	MRSPP-5	0	No Longer Required	4	IRP Final RC: FY 2021 MRS Final RC: FY 2020						Total	\$67,768	\$1,403	\$3,025	\$0	\$1,185	\$0	\$4,361	\$743	FY10-Complete	\$37,825			
Total IRP Sites	102	MRSPP-6	0	Total MRSs	29	Five-Year Review Completed and Planned for Future																			

IRP Progress in FY09: Refer to Page D-114.	MMRP Progress in FY09: Refer to Page D-114.
IRP Progress Planned for FY10-FY11: Refer to Page D-114.	MMRP Progress Planned for FY10-FY11: Refer to Page D-114.

NAVY - ST JULIEN'S CREEK ANNEX / VA317002758100 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	13	0	2	1	1	0	REG	REG	\$9,688	\$738	\$0	\$668	\$290	\$0	\$0	\$0	FY12	\$362	\$0		
Response Complete	11	Response Complete	0	IRA	2(2)	0(0)	2(2)	0(0)			TECH	TECH	\$3,285	\$0	\$0	\$0	\$2,746	\$0	\$0	\$0	FY13	\$819	\$0		
High	3	MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	0			\$1,217	\$0	\$969	\$0	\$0	\$0	\$0	FY14	\$433	\$0		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	1	0			\$4,500	\$0	\$1,661	\$0	\$2,212	\$0	\$0	\$0	FY15	\$738	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	0	0	3	0			\$65	\$0	\$0	\$0	\$0	\$303	\$0	FY10-Comp. IRP	\$14,308		
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0				\$253	\$0	\$59	\$0	\$60	\$0	\$61	\$0	FY10-Comp. MMRP	\$0	
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2039 MRS Final RC: FY 2025						Total	\$19,008	\$738	\$2,689	\$668	\$5,308	\$0	\$364	\$0	FY10-Complete	\$14,308			
Total IRP Sites	16	MRSPP-6	0	Total MRSs	1	Five-Year Review Underway																			

IRP Progress in FY09: Refer to Page D-176.	MMRP Progress in FY09: Refer to Page D-176.
IRP Progress Planned for FY10-FY11: Refer to Page D-176.	MMRP Progress Planned for FY10-FY11: Refer to Page D-176.

NAVY - WILLIAMSBURG FISC CHEATHAM ANNEX / VA317002460500 / NPL / RAB

IRP Sites and MRSs by Classification				Study	11	1	5	0	1	0	FUND	FUND	\$5,809	\$177	\$1,457	\$0	\$991	\$0	\$0	\$0	FY12	\$2,806	\$0		
Response Complete	0	Response Complete	0	IRA	2(2)	0(0)	1(2)	0(0)			TECH	TECH	\$1,947	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$646	\$0		
High	3	MRSPP-1	0	MRSPP-7	0	Design	1	0	2	0	2	0			\$78	\$0	\$78	\$0	\$362	\$0	\$0	\$0	FY14	\$280	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	3	0			\$3,898	\$0	\$0	\$0	\$1,996	\$0	\$6,529	\$0	FY15	\$318	\$0
Low	2	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$134	\$0	FY10-Comp. IRP	\$15,020	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	3	0			\$63	\$0	\$37	\$0	\$0	\$0	\$41	\$0	FY10-Comp. MMRP	\$0	
Not Required	9	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2025 MRS Final RC: FY 2011						Total	\$11,795	\$177	\$1,572	\$0	\$3,349	\$0	\$6,704	\$0	FY10-Complete	\$15,020			
Total IRP Sites	17	MRSPP-6	0	Total MRSs	1																				

IRP Progress in FY09: Refer to Page D-198.	MMRP Progress in FY09: Refer to Page D-198.
IRP Progress Planned for FY10-FY11: Refer to Page D-198.	MMRP Progress Planned for FY10-FY11: Refer to Page D-198.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Virginia

FORMERLY USED DEFENSE SITES - CHOPAWAMSIK TROOP TRAINING SITE / VA39799F166700

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$263	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$28,805
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2027					Total	\$0	\$263	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$28,805
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.	MMRP Progress in FY09: There was no progress made at this site in FY2009. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.
IRP Progress Planned for FY10-FY11: No IRP sites identified.	MMRP Progress Planned for FY10-FY11: There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2019. Funding limitations prevent site work prior to that time.

FORMERLY USED DEFENSE SITES - MANASSAS AIR FORCE COMM FACILITY / VA39799F171800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0			\$1,124	\$0	\$176	\$0	\$279	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0		\$13	\$0	\$0	\$0	\$791	\$0	\$0	\$0	FY14	\$2,210	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$6,493	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$10,144
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1		\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2015 MRS Final RC: FY -					Total	\$1,150	\$0	\$176	\$0	\$1,070	\$0	\$0	\$0	\$0	FY10-Complete		\$10,144
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: Finish RI FY10 and start FS after that.	MMRP Progress in FY09: No MMRP sites identified.
IRP Progress Planned for FY10-FY11: FY11 - finish FS and start RD; FY12 - RD and/or RmA-C	MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

FORMERLY USED DEFENSE SITES - NANSEMOND ORDNANCE DEPOT / VA39799F156700 / NPL / RAB / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	4	0	8	1	0	0			\$23,123	\$909	\$2,463	\$160	\$1,488	\$40	\$1,487	\$0	FY12	\$2,464	\$0
Response Complete	3	Response Complete	0	IRA	2(2)	1(1)	0(0)	0(0)					\$2,024	\$2,509	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,863	\$0
High	4	MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	8		\$161	\$0	\$0	\$0	\$20	\$0	\$33	\$0	FY14	\$4,439	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	1	1	8		\$1,109	\$17,074	\$0	\$235	\$778	\$0	\$60	\$0	FY15	\$3,663	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	4		\$0	\$0	\$0	\$0	\$0	\$0	\$408	\$0	FY10-Comp. IRP		\$43,870
Not Evaluated	4	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	9		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$3,900
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2024 MRS Final RC: FY 2023					Total	\$26,417	\$20,492	\$2,463	\$395	\$2,286	\$40	\$1,988	\$0	\$0	FY10-Complete		\$47,770
Total IRP Sites	12	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: Refer to Page D-62.	MMRP Progress in FY09: Refer to Page D-62.
IRP Progress Planned for FY10-FY11: Refer to Page D-62.	MMRP Progress Planned for FY10-FY11: Refer to Page D-62.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria **Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding
 Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																															
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)														
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP												
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP															
Wake Island																															
◆ AIR FORCE - WAKE ISLAND AIRFIELD / WQP57302953300 / C-TECH																															
IRP Sites and MRSs by Classification										Study	47	0	5	1	29	0	FUND		\$16,831	\$0	\$990	\$0	\$1,244	\$761	\$0	\$437	FY12	\$4,235	\$736		
Response Complete	41	Response Complete	0							IRA	15(18)	0(0)	0(0)	0(0)				\$21,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,566	\$769	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	2	0						\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0		
Medium	9	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	1						\$50	\$0	\$0	\$0	\$0	\$0	\$3,721	\$0	FY15	\$0	\$0			
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$13,413			
Not Evaluated	29	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	2	1						\$508	\$0	\$175	\$0	\$406	\$0	\$241	\$0	FY10-Comp. MMRP		\$2,773			
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2012 MRS Final RC: FY 2014						Total	\$38,898	\$0	\$1,165	\$0	\$1,650	\$761	\$3,962	\$437	FY10-Complete		\$16,186								
Total IRP Sites	81	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																									
IRP Progress in FY09: Four sites programmed for removal action were delayed due to damage from Typhoon Ioke. Sites ST08/ST09 had and IRA completed 3/08. Other projects have been put on hold by AFCEE in as dispute over the contract mechanism.										MMRP Progress in FY09: No progress reported.																					
IRP Progress Planned for FY10-FY11: Awaiting decision from AFCEE on how to proceed.										MMRP Progress Planned for FY10-FY11: No actions planned.																					

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																						
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)					
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP			
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						

Washington

ARMY - FORT LEWIS / WA021402050600 / NPL / C-TECH

IRP Sites and MRSs by Classification				Study	54	13	3	2	0	0			\$23,485	\$222	\$0	\$0	\$175	\$0	\$376	\$0	FY12	\$1,004	\$0
Response Complete	48	Response Complete	13	IRA	3(6)	1(1)	0(0)	0(0)					\$7,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,035	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	0	0	\$5,166	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$689	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	2	1	5	1	\$41,030	\$0	\$0	\$0	\$4,119	\$418	\$0	\$1,415	FY15	\$667	\$0
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	1	0	4	0	\$8,786	\$0	\$1,223	\$0	\$200	\$0	\$646	\$0	FY10-Comp. IRP		\$23,023
Not Evaluated	5	MRSPP-4	1	No Known/Suspected	0	LTM	3	0	3	0	4	0	\$5,346	\$0	\$7	\$0	\$18	\$0	\$7	\$0	FY10-Comp. MMRP		\$1,833
Not Required	1	MRSPP-5	1	No Longer Required	13	IRP Final RC: FY 2034 MRS Final RC: FY 2011						Total	\$91,590	\$222	\$1,230	\$0	\$4,512	\$418	\$1,029	\$1,415	FY10-Complete		\$24,856
Total IRP Sites	57	MRSPP-6	0	Total MRSs	15	Five-Year Review Completed																	

IRP Progress in FY09: Refer to Page D-70.

IRP Progress Planned for FY10-FY11: Refer to Page D-70.

MMRP Progress in FY09: Refer to Page D-70.

MMRP Progress Planned for FY10-FY11: Refer to Page D-70.

NAVY - BANGOR NSB / WA017002729100 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	42	0	0	1	0	0			\$27,548	\$555	\$0	\$0	\$0	\$0	\$216	FY12	\$1,985	\$404	
Response Complete	17	Response Complete	0	IRA	14(25)	0(0)	0(0)	0(0)					\$2,469	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,553	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	0	0	REG	REG	\$2,805	\$0	\$0	\$0	\$0	\$0	FY14	\$2,832	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	27	0	0	1	0	0	REG	REG	\$38,341	\$654	\$0	\$250	\$0	\$0	FY15	\$1,773	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	6	0	0	0			\$19,307	\$0	\$2,009	\$0	\$1,564	\$0	FY10-Comp. IRP		\$34,894
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	0	0	0	0			\$90,640	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$620
Not Required	25	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2040 MRS Final RC: FY 2036						Total	\$90,640	\$1,209	\$2,009	\$250	\$1,564	\$0	\$2,934	\$216	FY10-Complete		\$35,514
Total IRP Sites	42	MRSPP-6	1	Total MRSs	1	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-26.

IRP Progress Planned for FY10-FY11: Refer to Page D-26.

MMRP Progress in FY09: Refer to Page D-26.

MMRP Progress Planned for FY10-FY11: Refer to Page D-26.

NAVY - PUGET SOUND NSY / WA017002341800 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	33	1	1	1	0	0			\$28,973	\$16,804	\$1,030	\$4,111	\$583	\$0	\$0	\$0	FY12	\$2,854	\$5,829		
Response Complete	25	Response Complete	0	IRA	25(25)	1(1)	0(0)	0(0)					\$14,062	\$2,125	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,082	\$2,044		
High	2	MRSPP-1	0	MRSPP-7	0	Design	16	0	0	1	0	0			\$9,603	\$0	\$0	\$0	\$0	\$0	FY14	\$5,954	\$368		
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	30	0	2	1	0	1			\$94,839	\$904	\$830	\$904	\$729	\$6,538	\$210	\$10,142	FY15	\$1,606	\$1,858
Low	0	MRSPP-3	2	Evaluation Pending	0	RA-O	4	0	6	0	2	2			\$10,132	\$0	\$1,858	\$0	\$2,210	\$0	\$1,684	\$0	FY10-Comp. IRP		\$40,327
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$42,319	
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2036 MRS Final RC: FY 2041						Total	\$157,609	\$19,833	\$3,718	\$5,015	\$3,522	\$6,538	\$1,894	\$10,142	FY10-Complete		\$82,646		
Total IRP Sites	34	MRSPP-6	0	Total MRSs	2	Five-Year Review Completed and Planned for Future																			

IRP Progress in FY09: Refer to Page D-160.

IRP Progress Planned for FY10-FY11: Refer to Page D-160.

MMRP Progress in FY09: Refer to Page D-160.

MMRP Progress Planned for FY10-FY11: Refer to Page D-160.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Washington

NAVY - WHIDBEY ISLAND NAS / WA017002336100 / NPL / RAB

IRP Sites and MRSs by Classification				Study	91	1	0	3	1	0			\$27,370	\$872	\$0	\$474	\$0	\$207	\$0	\$205	FY12	\$1,428	\$568
Response Complete	71	Response Complete	0	IRA	57(68)	0(0)	0(0)	0(0)					\$852	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,634	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	1	0			\$1,412	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,124	\$2,135
Medium	0	MRSPP-2	1	MRSPP-8	1	0	0	0	1	3			\$45,676	\$0	\$0	\$0	\$0	\$0	\$123	\$0	FY15	\$1,505	\$538
Low	1	MRSPP-3	0	Evaluation Pending	0	0	8	0	1	0			\$20,919	\$0	\$1,129	\$0	\$1,476	\$0	\$1,288	\$0	FY10-Comp. IRP		\$30,899
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	0	LTM	20	0	1	0	4	0	\$942	\$0	\$0	\$0	\$110	\$0	\$112	\$0	FY10-Comp. MMRP		\$6,962
Not Required	20	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2041		MRS Final RC: FY 2036		Total		\$97,171	\$872	\$1,129	\$474	\$1,586	\$207	\$1,400	\$328	FY10-Complete		\$37,861	
Total IRP Sites	92	MRSPP-6	0	Total MRSs	4	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-194.

IRP Progress Planned for FY10-FY11: Refer to Page D-194.

MMRP Progress in FY09: Refer to Page D-194.

MMRP Progress Planned for FY10-FY11: Refer to Page D-194.

AIR FORCE - FAIRCHILD AIR FORCE BASE / WA057212464700 / NPL / BRAC 2005 Realignment / RAB / C-EST

IRP Sites and MRSs by Classification				Study	35	1	2	3	12	5	FUND		\$16,620	\$4,901	\$0	\$4,170	\$0	\$2,038	\$0	\$1,162	FY12	\$670	\$2,682
Response Complete	24	Response Complete	1	IRA	5(5)	0(0)	0(0)	0(0)					\$1,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,330	\$2,738
High	3	MRSPP-1	0	MRSPP-7	0	0	2	0	1	2			\$1,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,341	\$2,450
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	2	0	1	7	REG	\$17,451	\$0	\$95	\$0	\$0	\$0	\$0	FY15	\$1,329	\$480
Low	1	MRSPP-3	0	Evaluation Pending	8	RA-O	0	0	10	0	1	2		\$15,847	\$0	\$926	\$0	\$1,441	\$0	\$1,543	FY10-Comp. IRP		\$17,905
Not Evaluated	12	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	0	7		\$2,832	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$13,826
Not Required	9	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2029		MRS Final RC: FY 2014		Total		\$56,060	\$4,901	\$1,021	\$4,170	\$1,441	\$2,038	\$1,543	\$1,162	FY10-Complete		\$31,731	
Total IRP Sites	49	MRSPP-6	0	Total MRSs	9	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09: Refer to Page D-60.

IRP Progress Planned for FY10-FY11: Refer to Page D-60.

MMRP Progress in FY09: Refer to Page D-60.

MMRP Progress Planned for FY10-FY11: Refer to Page D-60.

FORMERLY USED DEFENSE SITES - EPHRATA AF BASE / WA09799F325800

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$99	\$0	\$99	\$0	\$135	\$0	\$10	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,093
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY -		MRS Final RC: FY 2026		Total		\$0	\$99	\$0	\$99	\$0	\$135	\$0	\$10	FY10-Complete		\$10,093	
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: SI contract award

MMRP Progress Planned for FY10-FY11: Complete SI phase

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

Washington

FORMERLY USED DEFENSE SITES - FORT FLAGLER MIL RES / WA09799F328900 / C-EST

IRP Sites and MRSs by Classification				Study	1	0	0	1	0	0			\$49	\$199	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	1	Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1		\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1		\$98	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$10,470
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 1994 MRS Final RC: FY 2026					Total	\$472	\$199	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$10,470
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No progress reported.

IRP Progress Planned for FY10-FY11: No actions planned.

MMRP Progress in FY09: No activity executed. SI phase complete in Sep 2007

MMRP Progress Planned for FY10-FY11: No activity planned.

FORMERLY USED DEFENSE SITES - FORT TOWNSEND / WA09799F329300

IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$230	\$0	\$0	\$0	\$0	\$0	\$0	FY12	\$0	\$0
Response Complete	0	Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$11,922
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY - MRS Final RC: FY 2043					Total	\$0	\$230	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Complete		\$11,922
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																		

IRP Progress in FY09: No IRP sites identified.

IRP Progress Planned for FY10-FY11: No IRP sites identified.

MMRP Progress in FY09: No activity executed.

MMRP Progress Planned for FY10-FY11: No activity planned.

FORMERLY USED DEFENSE SITES - NAS-QUILLAYUTE / WA09799F836800 / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0			\$2,531	\$0	\$146	\$0	\$310	\$0	\$397	\$0	FY12	\$251	\$0
Response Complete	1	Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)					\$72	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1		\$222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,399	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1		\$638	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,245	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP		\$14,343
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2026 MRS Final RC: FY -					Total	\$3,463	\$0	\$146	\$0	\$310	\$0	\$397	\$0	\$0	FY10-Complete		\$14,343
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																		

IRP Progress in FY09: RI Phase I Field work completed. Data analysis has been performed

IRP Progress Planned for FY10-FY11: Complete Phase II field work. Complete RI/FS phase.

MMRP Progress in FY09: No MMRP sites identified.

MMRP Progress Planned for FY10-FY11: No MMRP sites identified.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																			
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)		
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			

West Virginia

NAVY - ALLEGANY BALLISTICS LAB / WV317002369100 / NPL / RAB / C-TECH

IRP Sites and MRSs by Classification				Study	41	0	0	0	0	0			\$8,216	\$0	\$648	\$0	\$0	\$0	\$0	\$0	FY12	\$3,445	\$0
Response Complete	29	Response Complete	0	IRA	10(10)	0(0)	0(0)	0(0)					\$10,350	\$0	\$145	\$0	\$0	\$0	\$0	\$0	FY13	\$2,166	\$0
High	5	MRSPP-1	0	MRSPP-7	0	Design	3	0	4	0	1	0	REG	\$3,876	\$0	\$752	\$0	\$75	\$0	\$0	FY14	\$5,515	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	5	0	REG	\$7,601	\$0	\$0	\$0	\$0	\$0	\$4,104	FY15	\$4,904	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	1	0		\$6,593	\$0	\$825	\$0	\$1,915	\$0	\$987	FY10-Comp. IRP		\$38,299
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0		\$905	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP		\$0
Not Required	7	MRSPP-5	0	No Longer Required	0	IRP Final RC: FY 2038 MRS Final RC: FY -						Total	\$37,541	\$0	\$2,370	\$0	\$1,990	\$0	\$5,091	\$0	FY10-Complete		\$38,299
Total IRP Sites	41	MRSPP-6	0	Total MRSs	0	Five-Year Review Completed and Planned for Future																	

IRP Progress in FY09:	Refer to Page D-20.
IRP Progress Planned for FY10-FY11:	Refer to Page D-20.

MMRP Progress in FY09:	No MMRP sites identified.
MMRP Progress Planned for FY10-FY11:	No MMRP sites identified.

FORMERLY USED DEFENSE SITES - WEST VIRGINIA ORD WORKS / WV39799F346100 / NPL / C-TECH / C-EST

IRP Sites and MRSs by Classification				Study	41	1	2	0	0	0	REG	REG	\$29,701	\$0	\$201	\$0	\$47	\$0	\$0	\$0	FY12	\$624	\$0
Response Complete	39	Response Complete	1	IRA	0(0)	0(0)	0(0)	0(0)			REG	REG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,425	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	0	0	REG	\$3,225	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,827	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	26	0	1	0	0	0	REG	\$25,862	\$0	\$22	\$0	\$15	\$0	\$13	FY15	\$1,239	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	1	0	0	0		\$5,959	\$0	\$510	\$0	\$635	\$0	\$655	FY10-Comp. IRP		\$35,716
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	32	1	6	0	0	0		\$12,638	\$7	\$816	\$7	\$1,325	\$0	\$589	FY10-Comp. MMRP		\$0
Not Required	2	MRSPP-5	0	No Longer Required	1	IRP Final RC: FY 2021 MRS Final RC: FY 2003						Total	\$77,385	\$7	\$1,549	\$7	\$2,022	\$0	\$1,257	\$0	FY10-Complete		\$35,716
Total IRP Sites	43	MRSPP-6	0	Total MRSs	1	Five-Year Review Planned for Future																	

IRP Progress in FY09:	Refer to Page D-193.
IRP Progress Planned for FY10-FY11:	Refer to Page D-193.

MMRP Progress in FY09:	Refer to Page D-193.
MMRP Progress Planned for FY10-FY11:	Refer to Page D-193.

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-6 Status of Installations with FY10 to Completion Cost Estimate Greater Than \$10,000,000

DoD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY08*																																
Phase	Completed		Underway		Future		FY09 Schedule Impact**		Costs Through FY09 (\$000)		FY09 Funds Obligated (\$000)		FY10 Execution Planned (\$000)		FY11 Planning Estimate (\$000)		Estimated Costs (\$000)															
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP													
	Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP																
Wisconsin																																
ARMY - BADGER ARMY AMMUNITION PLANT / WI521382005600 / RAB / C-TECH																																
IRP Sites and MRSs by Classification										Study	34	0	4	0	0	0			\$24,454	\$0	\$4,922	\$0	\$5,243	\$0	\$0	\$0	FY12	\$3,781	\$0			
Response Complete	32	Response Complete	0							IRA	6(7)	0(0)	1(2)	0(0)				FUND	\$29,435	\$0	\$14,079	\$0	\$0	\$0	\$0	\$0	FY13	\$3,867	\$0			
High	2	MRSPP-1	0	MRSPP-7	0					Design	10	0	3	0	0	0		REG	\$10,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,899	\$0			
Medium	2	MRSPP-2	0	MRSPP-8	0					RA-C	12	0	3	0	0	0		REG	\$52,772	\$0	\$577	\$0	\$2,936	\$0	\$4,243	\$0	FY15	\$3,969	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0					RA-O	1	0	2	0	0	0			\$29,484	\$0	\$1,540	\$0	\$1,620	\$0	\$1,708	\$0	FY10-Comp. IRP	\$87,804	\$0			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0					LTM	6	0	2	0	0	0			\$19,736	\$0	\$1,836	\$0	\$1,914	\$0	\$2,009	\$0	FY10-Comp. MMRP	\$0	\$0			
Not Required	2	MRSPP-5	0	No Longer Required	0					IRP Final RC: FY 2019 MRS Final RC: FY -						Total	\$166,380	\$0	\$22,954	\$0	\$11,713	\$0	\$7,960	\$0	FY10-Complete	\$87,804	\$0					
Total IRP Sites	38	MRSPP-6	0	Total MRSs	0					Five-Year Review Underway																						
IRP Progress in FY09: BAAP-001: Prepare alt FS w/revised soil cleanup standards. BAAP-006: Evaluate GW & biotreatment system. Plan exit strategy. BAAP-12: GW monitoring continued. Define central and DBG plumes. BAAP-33: Operate pump-and-treat. Two extraction wells were replaced. BAAP-35: Maintain caps and covers. BAAP-40: RI/RI-Dredging failed remediation goals; find new remedy. BAAP-43: Prepare FS for surface&subsoil cleanup stds. <i>CTC DA AD 44: Investigate causes release to soils. Remediate if needed.</i>										MMRP Progress in FY09: No MMRP sites identified.																						
IRP Progress Planned for FY10-FY11: BAAP-001: Produce an RA for closure. BAAP-006: Conduct a biotreatment shutdown. BAAP-12: Continue groundwater monitoring while evaluating progress toward exit strategy. BAAP-33: Continue pump-and-treat operations and prepare an alternate FS for GW exit strategy. BAAP-35: Maintain caps and covers. BAAP-43: RI continues post-demolition. CC-BAAP-44: Continue to investigate sewers releases to soils; conduct RA as needed if <i>feasible and available.</i>										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																						
FORMERLY USED DEFENSE SITES - NIKE SITE MSP-20 / WI59799F244400																																
IRP Sites and MRSs by Classification										Study	2	0	1	0	0	0			\$289	\$0	\$65	\$0	\$199	\$0	\$0	\$0	FY12	\$500	\$0			
Response Complete	2	Response Complete	0							IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$500	\$0			
High	1	MRSPP-1	0	MRSPP-7	0					Design	2	0	0	0	1	0			\$15	\$0	\$0	\$0	\$0	\$0	\$10	\$0	FY14	\$819	\$0			
Medium	0	MRSPP-2	0	MRSPP-8	0					RA-C	1	0	0	0	1	0			\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$250	\$0			
Low	0	MRSPP-3	0	Evaluation Pending	0					RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. IRP	\$12,808	\$0			
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0					LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY10-Comp. MMRP	\$0	\$0			
Not Required	0	MRSPP-5	0	No Longer Required	0					IRP Final RC: FY 2025 MRS Final RC: FY -						Total	\$372	\$0	\$65	\$0	\$199	\$0	\$10	\$0	FY10-Complete	\$12,808	\$0					
Total IRP Sites	3	MRSPP-6	0	Total MRSs	0																											
IRP Progress in FY09: During FY09 the mercury bearing was removed. Per WDNR concerns, a contract was awarded to remove some contaminated soil and abandon the monitoring wells.										MMRP Progress in FY09: No MMRP sites identified.																						
IRP Progress Planned for FY10-FY11: It is projected that the project will be closed out in FY10.										MMRP Progress Planned for FY10-FY11: No MMRP sites identified.																						

*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

**Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alabama								
ARMY								
ALABAMA AAP / AL421382000800 / (3)	42	0	2041	-	\$62,905	\$0	\$5,262	\$0
FORT MCCLELLAN ARNG / AL4211801A3500 / (3)	11	2	2039	2011	\$6,067	\$1,369	\$4,369	\$0
FORT RUCKER / AL421372077600 / (1)	108	7	2038	2015	\$17,981	\$1,107	\$6,106	\$2,463
MOBILE OMS 28 & 29 / AL421180151200	1	0	2013	-	\$0	\$0	\$327	\$0
AIR FORCE								
DOTHAN REGIONAL AIRPORT / AL457282591600	2	0	-	-	\$0	\$0	\$0	\$0
GUNTER AIR FORCE BASE / AL457152418500 / (3)	12	0	2010	-	\$3,637	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
ANNISTON MILITIA TARGET RANGE / AL49799F782100	0	1	-	2066	\$0	\$0	\$0	\$1,532
BHAM ARMY AF / AL49799F420800	0	1	-	2064	\$0	\$0	\$0	\$1,531
BROOKLEY AFB U SO ALA / AL49799F419700	6	0	2013	-	\$7,291	\$0	\$2,463	\$0
CAMP SHERIDAN / AL49799F786200	0	1	-	2065	\$0	\$0	\$0	\$1,528
CAMP SHERIDAN ARTILLERY RANGE / AL49799FA09700	0	1	-	2062	\$0	\$187	\$0	\$9,235
CAMP SHERIDAN RIFLE RANGE / AL49799FA09600	0	1	-	2063	\$0	\$233	\$0	\$1,342
COURTLAND ARMY AF / AL49799F420900	3	2	2001	2024	\$1,138	\$107	\$0	\$3,292
CRAIG AFB / AL49799F421000	2	0	2021	-	\$3,958	\$0	\$8,108	\$0
FORT MCCLELLAN / AL49799F427800	1	1	2005	2040	\$1,228	\$132	\$0	\$3,758
GADSDEN ORDNANCE PLANT / AL49799F420600	2	0	2012	-	\$2,179	\$0	\$416	\$0
NAPIER FIELD / AL49799F421500	3	1	2010	2067	\$1,317	\$0	\$226	\$2,600

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
ARMY								
AKIAK FEDERAL SCOUT ARMORY / AK021180245500	1	0	2012	-	\$0	\$0	\$0	\$0
HAINES PIPELINE / AK021452214600 / (3)	23	0	2015	-	\$17,292	\$0	\$6,499	\$0
HOONAH ARMORY / AK021180251900	0	2	-	2010	\$0	\$136	\$0	\$12
KWIGILLINGOK SCOUT ARMORY / AK021180256500	1	0	2012	-	\$662	\$0	\$0	\$0
NEWTOK FEDERAL SCOUT ARMORY / AK021180259600	1	0	2012	-	\$663	\$0	\$0	\$0
NG AKIACHAK ARMORY / AK021180245100	1	5	2012	2009	\$594	\$167	\$0	\$0
NG ALAKANUK ARMORY / AK021180245700	1	11	2012	2010	\$0	\$459	\$0	\$42
NG CHEFORNAK ARMORY / AK021180248100	0	9	-	2010	\$0	\$371	\$0	\$35
NG CHEVAK ARMORY / AK021180248500	1	3	2011	2009	\$0	\$162	\$0	\$0
NG EEK ARMORY / AK021180250200	1	7	2012	2010	\$0	\$312	\$0	\$9
NG EMMONAK ARMORY / AK021180256800	1	8	2013	2010	\$0	\$424	\$819	\$40
NG FORT YUKON ARMORY / AK021180251200	1	1	2011	2008	\$0	\$91	\$928	\$0
NG GOODNEWS BAY ARMORY / AK021180251600	0	7	-	2010	\$0	\$469	\$0	\$41
NG HOOPER BAY ARMORY / AK021180252100	1	9	2029	2009	\$909	\$358	\$1,489	\$0
NG KASIGLUK ARMORY / AK021180253100	1	2	2012	2010	\$0	\$98	\$1,773	\$7
NG KIANA ARMORY / AK021180253500	0	2	-	2010	\$0	\$138	\$0	\$10
NG KIPNUK ARMORY / AK021180254100	1	6	2012	2010	\$0	\$275	\$506	\$25
NG KONGIGANAK ARMORY / AK021180254700	1	5	2007	2010	\$0	\$220	\$0	\$19
NG KWETHLUK ARMORY / AK021180256100	1	7	2011	2009	\$0	\$275	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
NG MOUNTAIN VILLAGE ARMORY / AK021180258500	1	3	2012	2009	\$0	\$222	\$557	\$0
NG NAPAKIAK ARMORY / AK021180259100	1	6	2012	2010	\$0	\$285	\$0	\$21
NG NAPASKIAK ARMORY / AK021180259400	1	4	2011	2010	\$0	\$114	\$0	\$7
NG NIGHTMUTE ARMORY / AK021180259700	1	7	2012	2010	\$0	\$275	\$0	\$8
NG NOATAK ARMORY / AK021180259800	0	4	-	2010	\$0	\$204	\$0	\$16
NG NOORVIK ARMORY / AK021180260100	0	5	-	2010	\$0	\$136	\$0	\$10
NG NULATO ARMORY / AK021180260500	0	2	-	2010	\$0	\$142	\$0	\$10
NG NUNAPITCHUK ARMORY / AK021180260800	1	3	2042	2010	\$0	\$124	\$500	\$9
NG POINT BARROW ARMORY / AK021180261100	0	3	-	2010	\$0	\$207	\$0	\$19
NG POINT HOPE ARMORY / AK021180261600	0	3	-	2010	\$0	\$204	\$0	\$19
NG SAVOONGA ARMORY / AK021180262500	1	7	2011	2009	\$0	\$390	\$2,714	\$0
NG SCAMMON BAY ARMORY / AK021180263100	1	5	2012	2009	\$976	\$270	\$0	\$0
NG SHISHMAREF ARMORY / AK021180265100	0	6	-	2010	\$0	\$402	\$0	\$29
NG SHUNGNAC ARMORY / AK021180264100	0	4	-	2010	\$0	\$272	\$0	\$22
NG ST MARYS ARMORY / AK021180265300	1	3	2012	2009	\$0	\$221	\$0	\$0
NG STEBBINS ARMORY / AK021180265900	1	2	2012	2009	\$0	\$148	\$0	\$0
NG TOGLAK ARMORY / AK021180266800	1	2	2008	2010	\$0	\$88	\$0	\$8
NG TOKSOOK BAY ARMORY / AK021180267800	1	6	2013	2009	\$0	\$312	\$1,243	\$0
NG TUNTUTULIAK ARMORY / AK021180267500	1	3	2012	2010	\$0	\$120	\$515	\$11

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
NG TUNUNAK ARMORY / AK021180267700	1	5	2012	2010	\$0	\$270	\$0	\$8
NG WAINWRIGHT ARMORY / AK021180268100	0	4	-	2010	\$0	\$272	\$0	\$25
NG WRANGELL ARMORY / AK021180269300	0	3	-	2010	\$0	\$210	\$0	\$18
NAVY								
AMCHITKA FLTSURSPTDET1 / AK017002752900	11	0	2016	-	\$8,913	\$0	\$238	\$0
POINT BARROW NARL / AK017002724500 / (1) / (3)	13	0	2032	-	\$48,202	\$0	\$8,283	\$0
AIR FORCE								
611TH CIVIL ENGR OPERATING SQ / AK057302864901	29	0	-	-	\$0	\$0	\$0	\$0
ANVIL MOUNTAIN RADIO RELAY STATION / AK057302861600	8	0	2011	-	\$1,878	\$0	\$4,874	\$0
BEAR CREEK RADIO RELAY STATION / AK057302861900 / (1)	7	0	2012	-	\$2,468	\$0	\$866	\$0
BETHEL RANGE / AK057302862200	13	0	2014	-	\$6,828	\$0	\$438	\$0
BIG MOUNTAIN RADIO RELAY STATION / AK057302862300 / (3)	13	0	2012	-	\$7,510	\$0	\$7,708	\$0
CAMPION AIR FORCE STATION / AK057302862800	9	1	2011	2014	\$2,697	\$453	\$37	\$6,660
CAPE LISBURNE LONG RANGE RADAR SITE / AK057302863100	9	0	2012	-	\$19,744	\$0	\$3,741	\$0
CAPE NEWENHAM LONG RANGE RADAR SITE / AK057302863200 / (1) / (3)	1	0	2012	-	\$0	\$0	\$1,231	\$0
CAPE ROMANZOF LONG RANGE RADAR SITE / AK057302863300 / (1) / (3)	17	0	2018	-	\$8,267	\$0	\$5,511	\$0
CLEAR AIR FORCE STATION / AK057112863800 / (1) / (3)	25	4	2011	2010	\$9,188	\$1,133	\$1,174	\$0
DRIFTWOOD BAY RADIO RELAY STATION / AK057302864400	15	0	2012	-	\$3,421	\$0	\$939	\$0
DUNCAN CANAL RADIO RELAY STATION (RRS) / AK057302864500	14	0	2011	-	\$1,850	\$0	\$2,427	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
EIELSON AIR FORCE BASE / AK057302864600 / (1) / (3)	86	0	2032	-	\$63,291	\$0	\$6,033	\$0
FORT YUKON LONG RANGE RADAR SITE / AK057302866400 / (1) / (3)	9	1	2006	2014	\$11,117	\$64	\$0	\$671
GRANITE MOUNTAIN RADIO RELAY STATION / AK057302865900	20	0	2019	-	\$10,282	\$0	\$251	\$0
INDIAN MOUNTAIN RESEARCH / AK057302866200	12	0	2021	-	\$8,355	\$0	\$2,859	\$0
KALAKAKET CREEK RADIO RELAY STATION / AK057302866400	3	0	2011	-	\$8,554	\$0	\$1,481	\$0
LAKE LOUISE / AK057302867500 / (3)	2	0	2012	-	\$979	\$0	\$686	\$0
MURPHY DOME / AK057302867900 / (3)	8	0	2020	-	\$3,470	\$0	\$175	\$0
NAKNEK RECREATIONAL CAMP I / AK057302868001 / (1)	7	0	2011	-	\$1,964	\$0	\$0	\$0
NAKNEK RECREATIONAL CAMP II / AK057302868002	5	0	2025	-	\$1,645	\$0	\$1,935	\$0
NIKOLSKI RADIO RELAY STATION / AK057302868400 / (3)	12	0	2011	-	\$9,313	\$0	\$49	\$0
NORTH RIVER RADIO RELAY STATION / AK057302868500	6	0	2011	-	\$3,847	\$0	\$5,434	\$0
OLIKTOK RADIO RELAY STATION / AK057302869100 / (3)	10	0	2011	-	\$1,747	\$0	\$0	\$0
POINT BARROW NARL / AK057302869500	4	0	2012	-	\$625	\$0	\$3,253	\$0
POINT LAY / AK057302869700	9	0	2012	-	\$1,920	\$0	\$6,132	\$0
POINT LONELY DOME / AK057302867700 / (3)	14	0	2011	-	\$11,945	\$0	\$0	\$0
SPARREVOHN AIR FORCE STATION / AK057302870900	9	0	2012	-	\$6,657	\$0	\$2,662	\$0
TATALINA AIR FORCE STATION / AK057302871100 / (1)	16	0	2021	-	\$7,223	\$0	\$4,163	\$0
WAINWRIGHT / AK057302871600	9	0	2011	-	\$13,031	\$0	\$0	\$0
WEST NOME TANK FARM / AK057302868600	2	0	2011	-	\$2,199	\$0	\$0	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
FORMERLY USED DEFENSE SITES								
AMAKNAK / AK09799F299500	7	2	2011	2025	\$41,707	\$118	\$2,285	\$3,940
ANIAK ARPT / AK09799F293100	2	0	2011	-	\$1,942	\$0	\$36	\$0
ANNETTE ISL LAND FLD / AK09799F254100	2	0	2014	-	\$12,458	\$0	\$5,852	\$0
ATKA AF AUX FLD / AK09799F709200	2	1	2020	2009	\$420	\$0	\$6,112	\$0
BARWELL ISLAND / AK09799F254800	1	0	2011	-	\$21	\$0	\$237	\$0
BETHEL BIA HDQRS / AK09799F699900	1	0	2012	-	\$47	\$0	\$638	\$0
BROWNLOW POINT DEW / AK09799F249600	3	0	2013	-	\$1,192	\$0	\$5,097	\$0
CAINES HEAD, FT MCGILV / AK09799F252900	2	0	2011	-	\$153	\$0	\$575	\$0
CAPE PROMINENCE AWS / AK09799F707300	1	0	2015	-	\$35	\$0	\$2,050	\$0
CAPE SARICHEF / AK09799F293400	2	0	2015	-	\$3,632	\$0	\$5,237	\$0
CAPE YAKATAGA RRS / AK09799F274400	3	0	2019	-	\$4,117	\$0	\$6,408	\$0
CATON ISLAND / AK09799F251900	2	0	2015	-	\$15	\$0	\$7,568	\$0
CHERNOFSKI HBR SUP&STO / AK09799F250300	3	0	2015	-	\$900	\$0	\$5,430	\$0
COLD BAY ACS COM-FT RA / AK09799F708800	2	0	2017	-	\$27,352	\$0	\$7,993	\$0
COLLINSON POINT DEW / AK09799F249700	2	0	2013	-	\$4,520	\$0	\$2,066	\$0
DAVIDSON-S LANDING / AK09799F257600	2	0	2012	-	\$3,330	\$0	\$1,263	\$0
EIELSON FARM ROAD AAA SITE / AK09799FA30400	2	0	2013	-	\$794	\$0	\$6,593	\$0
FORT PIERCE / AK09799F255600	1	0	2011	-	\$71	\$0	\$535	\$0
FT. LEARNARD / AK09799F250700	1	2	2008	2012	\$3,491	\$550	\$0	\$2,277

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Alaska

HOONAH RRS / AK09799F261200	3	0	2012	-	\$11,755	\$0	\$903	\$0
LAKE LOUISE / AK09799F709000	1	0	2011	-	\$0	\$0	\$243	\$0
LAKE LOUISE AIRFIELD / AK09799F901000	1	0	2012	-	\$16	\$0	\$1,003	\$0
LAKE PETERS / AK09799F274700	2	0	2015	-	\$198	\$0	\$2,886	\$0
MANNING POINT DEW / AK09799F249800	3	0	2012	-	\$4,615	\$0	\$1,614	\$0
MIDDLETON ISL AFS / AK09799F264800	1	0	2019	-	\$17	\$0	\$5,282	\$0
NIKE SITE BAY / AK09799F842000	3	0	2013	-	\$38	\$0	\$2,522	\$0
NOME AREA DEF REGION / AK09799F254200	9	0	2011	-	\$20,710	\$0	\$475	\$0
NORTHWAY ACS / AK09799F266700	2	0	2014	-	\$3,030	\$0	\$2,301	\$0
NUVAGAPAK PT DEW(BAR A / AK09799F250000	2	0	2013	-	\$4,974	\$0	\$3,427	\$0
OCEAN CAPE RR SITE / AK09799F706600	2	0	2016	-	\$676	\$0	\$4,985	\$0
OGLIUGA ISL / AK09799F267000	2	0	2016	-	\$2,977	\$0	\$3,426	\$0
PORCUPINE RIVER DEW STAGING CAMP / AK09799F900600	3	0	2019	-	\$17	\$0	\$4,136	\$0
PORT OF WHITTIER / AK09799F906800	3	0	2010	-	\$4,452	\$0	\$1,303	\$0
TIGALDA ISLAND / AK09799F788700	1	0	2015	-	\$71	\$0	\$2,697	\$0
UGADAGA BAY STA / AK09799F272900	1	0	2017	-	\$4	\$0	\$3,613	\$0
UNALAKLEET AFSTA / AK09799F252600	2	0	2011	-	\$14,844	\$0	\$251	\$0
UNALGA ISL NAV RADIO / AK09799F250500	2	0	2017	-	\$47	\$0	\$5,506	\$0
WILDWOOD AFS / AK09799F273900	4	0	2010	-	\$13,771	\$0	\$4,610	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Alaska

YAKUTAT AFB / AK09799F703900	2	0	2013	-	\$5,738	\$0	\$8,069	\$0
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(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
American Samoa								
FORMERLY USED DEFENSE SITES								
MATAFAO SCHOOL / AS99799F985400	0	1	-	2074	\$0	\$97	\$0	\$3,106
TAFUNA MILITARY RESERVATION / AS99799F692700	1	0	2012	-	\$0	\$0	\$188	\$0
USNS TUTUILA / AS99799F692100	0	1	-	2121	\$0	\$133	\$0	\$2,753
VAIPITO VILLAGE / AS99799F692600	1	0	2010	-	\$1,125	\$0	\$855	\$0
VAITOGI RADIO STATION / AS99799F739900	1	0	2011	-	\$0	\$0	\$32	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Arizona								
ARMY								
FORT HUACHUCA / AZ921372043400 / (2)	62	16	2008	2016	\$8,796	\$1,721	\$51	\$7,279
PAPAGO MILITARY RESERVATION / AZ9211804B4000 / (3)	8	2	2013	2014	\$180	\$1,373	\$858	\$20
AIR FORCE								
LUKE AIR FORCE BASE / AZ957152413300 / (1) / (3)	35	3	2026	2014	\$22,216	\$0	\$4,176	\$4,317
PAPAGO ANG'S / AZ000000000000	2	0	-	-	\$0	\$0	\$0	\$0
SKY HARBOR INTERNATIONAL AIRPORT / AZ957282587900	6	0	2010	-	\$7,438	\$0	\$0	\$0
TUCSON INTERNATIONAL AIRPORT / AZ957282593400	8	0	2017	-	\$18,439	\$0	\$3,096	\$0
FORMERLY USED DEFENSE SITES								
AJO AAF / AZ99799F506600	1	1	1997	2097	\$364	\$50	\$0	\$2,045
COOLIDGE ARMY AIR FIELD / AZ99799F508100	2	1	1996	2100	\$449	\$50	\$0	\$1,788
DATLAND A.F. AUXILIARY FIELD / AZ99799F508500	2	1	2001	2213	\$438	\$50	\$0	\$1,876
DOUGLAS AIR FIELD / AZ99799F510700	1	1	2006	2193	\$389	\$0	\$0	\$3,032
FLAGSTAFF N.G. TARGER RANGE / AZ99799F511000	0	1	-	2114	\$0	\$0	\$0	\$1,774
HEREFORD ARMY AIRFIELD / AZ99799F512100	0	1	-	2190	\$0	\$35	\$0	\$575
KINGMAN A AF-FORMER / AZ99799F504300	3	1	2017	2102	\$3,466	\$153	\$4,831	\$1,967
KINGMAN AIR TO AIR GUN RG / AZ99799F512500	1	1	2004	2011	\$165	\$153	\$0	\$152
KINGMAN G TO G GUNNERY RANGE / AZ99799F695300	1	1	2004	2101	\$331	\$0	\$0	\$5,402
LUKE AF AUX FIELD #3 / AZ99799F513100	0	1	-	2055	\$0	\$157	\$0	\$2,927
LUKE AIR FORCE RANGE /D/ / AZ99799F514200	0	1	-	2102	\$0	\$0	\$0	\$1,790

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Arizona

PALO ALTO PBR #3 / AZ99799F515300	0	1	-	2021	\$0	\$156	\$0	\$2,830
PALO ALTO PBR #4 / AZ99799F515400	0	1	-	2091	\$0	\$127	\$0	\$4,345
PALO ALTO PBR #5 / AZ99799F515500	0	1	-	2115	\$0	\$133	\$0	\$4,216
PALO ALTO PBR #6 / AZ99799F515600	0	1	-	2087	\$0	\$133	\$0	\$4,444
WELLTON GRO GUN RGE #1 / AZ99799F518300	0	1	-	2012	\$0	\$0	\$0	\$152
WHIPPLE BARRACKS RESERVATION / AZ99799F818900	1	0	2022	-	\$282	\$0	\$2,255	\$0
WHIPPLE BARRACKS TARGET RANGE / AZ99799F518400	0	1	-	2044	\$0	\$236	\$0	\$7,611
WILCOX AIR FORCE RANGE / AZ99799F518600	0	1	-	2046	\$0	\$167	\$0	\$8,088
WILLI FD BOMB TAR RGE #12 / AZ99799F518800	0	1	-	2076	\$0	\$137	\$0	\$3,426
WILLI FD BOMB TAR RGE #13 / AZ99799F518900	0	1	-	2084	\$0	\$148	\$0	\$7,590
WILLI FD BOMB TAR RGE #22 / AZ99799F519700	0	1	-	2136	\$0	\$148	\$0	\$3,913
WILLI FD BOMB TAR RGE #3 / AZ99799F519900	0	1	-	2137	\$0	\$136	\$0	\$7,590
WILLI FD BOMB TAR RGE #4 / AZ99799F520000	0	1	-	2023	\$0	\$143	\$0	\$2,409
WILLI FD BOMB TAR RGE #5 / AZ99799F520100	0	1	-	2138	\$0	\$152	\$0	\$7,590
WILLI FD BOMB TAR RGE #7 / AZ99799F520300	0	1	-	2052	\$0	\$163	\$0	\$3,832
WILLIAMS FIED BOMB TAR RGE #10 / AZ99799F518700	0	1	-	2031	\$0	\$148	\$0	\$2,410
WILLIAMS FIED BOMB TAR RGE #9 / AZ99799F520400	0	1	-	2032	\$0	\$143	\$0	\$2,362
WILLIAMS FIELD BOMB TAR RGE #2 / AZ99799F519500	0	1	-	2135	\$0	\$165	\$0	\$7,590
WILMOT N.G. TARGET RANGE / AZ99799F520500	0	1	-	2076	\$0	\$0	\$0	\$1,780

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Arizona

YUCCA A TO A GR RGE / AZ99799F520800	0	1	-	2011	\$0	\$154	\$0	\$152
YUCCA AUXILIARY OPERATING BASE / AZ99799F805700	0	1	-	2099	\$0	\$154	\$0	\$1,783

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Arkansas								
AIR FORCE								
EAKER AFB / AR657002447300 / (1) / (3)	16	9	2026	2002	\$30,939	\$0	\$951	\$0
FT SMITH MAP / AR6210450A2000	6	0	-	-	\$0	\$0	\$0	\$0
LITTLE ROCK AIR FORCE BASE / AR657182480800 / (3)	53	1	2028	2010	\$39,651	\$977	\$8,040	\$0
FORMERLY USED DEFENSE SITES								
ARKANSAS ORD PLANT / AR69799F604500	2	1	2005	2067	\$450	\$246	\$0	\$2,854
CAMP CHAFFEE / AR69799F976700	0	1	-	2011	\$0	\$2,607	\$0	\$4,388
SHUMAKER NAVAL AMMO DEPOT / AR69799F604700	4	1	2015	2004	\$1,552	\$3,330	\$100	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California								
ARMY								
OAKLAND ARMY BASE / CA921352066100 / (3)	15	0	2017	-	\$40,989	\$0	\$9,209	\$0
PARKS RESERVE FORCES TRAINING AREA / CA921042213000	10	6	2011	2008	\$2,835	\$168	\$3,616	\$0
RIVERBANK ARMY AMMUNITION PLANT / CA921382075900 / (1) / (3)	12	1	2014	2008	\$57,685	\$37	\$2,867	\$0
SACRAMENTO ARMY DEPOT / CA921382078000 / (1)	16	0	2017	-	\$68,000	\$0	\$4,628	\$0
TS AFRC LOS ALAMITOS / CA921180636800	9	1	2013	2008	\$27,404	\$149	\$2,294	\$0
USARC SAN BERNARDINO (AMSA 19G) / CA92104CA13500	10	0	2011	-	\$0	\$0	\$0	\$0
NAVY								
ALAMEDA NMCRC / CA917002423000	2	0	2012	-	\$1,135	\$0	\$487	\$0
AZUSA NCCOSC MORRIS DAM FACILITY / CA917002755100	2	0	2011	-	\$13,323	\$0	\$2,092	\$0
CENTERVILLE BEACH NAVFAC / CA917002438300	10	0	2011	-	\$6,765	\$0	\$0	\$0
CROWS LANDING NALF / CA917002757500	9	0	2014	-	\$30,263	\$0	\$1,376	\$0
DIXON NRTF / CA917002327800	4	1	2014	2014	\$2,330	\$347	\$3,709	\$582
LEMOORE NAS / CA917002438100 / (1) / (3)	19	0	2040	-	\$33,219	\$0	\$6,382	\$0
LONG BEACH NS / CA917002727200 / (1) / (3)	8	0	2013	-	\$45,497	\$0	\$1,019	\$0
LONG BEACH NS SAN PEDRO / CA917002755400	8	0	2017	-	\$5,972	\$0	\$5,604	\$0
LONG BEACH NSY / CA917002319000 / (1) / (3)	10	0	2015	-	\$15,122	\$0	\$366	\$0
NOVATO DOD HOUSING FACILITY / CA917002727500	1	0	2014	-	\$11,764	\$0	\$605	\$0
OAKLAND FISC ALAMEDA ANNEX / CA917002755600 / (1) / (3)	8	0	2013	-	\$13,694	\$0	\$366	\$0
PASADENA MCRC / CA917006211300	1	0	2011	-	\$191	\$0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

PICO RIVERA MCRTC / CA917302755300	1	0	2011	-	\$58	\$0	\$0	\$0
POINT MOLATE NAVY FUEL DEPOT / CA917002756300 / (3)	4	0	2042	-	\$60,911	\$0	\$0	\$0
POINT SUR NAVFAC / CA917002422500	1	0	2011	-	\$172	\$0	\$0	\$0
SALTON SEA TEST RANGE / CA917002755200 / (1) / (3)	23	0	2017	-	\$614	\$0	\$244	\$0
SAN DIEGO FISC / CA917002428800	5	0	2018	-	\$9,978	\$0	\$3,974	\$0
SAN DIEGO MCRD / CA917302257300	8	0	2014	-	\$1,687	\$0	\$115	\$0
SAN DIEGO NCCOSC / CA917002475000	12	1	2018	2013	\$25,124	\$315	\$5,294	\$0
SAN DIEGO NCTS / CA917002480400	3	0	2012	-	\$208	\$0	\$2,576	\$0
SAN DIEGO NISE WEST / CA917002478600	10	0	2018	-	\$5,714	\$0	\$5,955	\$0
SAN DIEGO NSB / CA917002455500	9	0	2018	-	\$1,106	\$0	\$2,997	\$0
SAN DIEGO NTC / CA917002320200	10	0	2019	-	\$36,795	\$0	\$7,093	\$0
SAN DIEGO SPASURFLDSTA / CA917006607900	1	1	2003	2010	\$721	\$155	\$0	\$0
SKAGGS ISLAND NSGA / CA917002431700	13	0	2011	-	\$10,670	\$0	\$0	\$0
STOCKTON NCS / CA917002438200	76	1	2011	2007	\$63,130	\$0	\$0	\$0
SUNNYVALE NIROP / CA917002291500	16	0	2011	-	\$147	\$0	\$0	\$0
TWENTYNINE PALMS MCGCC / CA917302434900	64	2	2012	2017	\$34,215	\$0	\$585	\$1,526
AIR FORCE								
CHANNEL ISLANDS AIR NATIONAL GUARD BASE / CA000000000001	1	0	-	-	\$0	\$0	\$0	\$0
CUDDEBACK RANGE / NV957212411002	1	2	2009	2003	\$735	\$0	\$0	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

FRESNO AIR GUARD BASE / CA957282590900	5	0	2022	-	\$5,940	\$0	\$2,488	\$0
HAYWARD MUNICIPAL AIRPORT / CA957282590800	8	0	2014	-	\$2,351	\$0	\$1,098	\$0
LOS ANGELES AIR FORCE BASE / CA957172629600	42	0	1998	-	\$10,335	\$0	\$0	\$0
MOFFETT FLD NAS / CA000000000004	1	0	-	-	\$0	\$0	\$0	\$0
NORTH HIGHLANDS ANGTS / CA957282587800	3	0	1994	-	\$251	\$0	\$0	\$0
NORTON AFB / CA957002434500 / (1) / (3)	33	5	2024	2011	\$123,472	\$0	\$3,174	\$0
SAN DIEGO AIR NATIONAL GUARD STATION / CA000000000005	4	0	-	-	\$0	\$0	\$0	\$0
SAN DIEGO SPACE SURVEILLANCE FIELD STATN / CA917006607900	0	2	-	2019	\$0	\$1,601	\$0	\$0
SEPULVEDA AIR GUARD STATION / CA957282886800	4	0	1995	-	\$493	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
ADVANCED BASE DEPOT-RIFLE RANGE / CA99799F978400	0	1	-	2195	\$0	\$0	\$0	\$9,442
ALMADEN AIR FORCE STATION / CA99799F590000	2	0	2014	-	\$3,876	\$0	\$733	\$0
ANGELES NATIONAL FOREST / CA99799F525000	3	0	2020	-	\$82	\$0	\$3,376	\$0
ARBUCKLE PRISONER OF WAR CAMP / CA99799F569500	1	0	2018	-	\$18	\$0	\$100	\$0
BAKERSFIELD MUNICIPAL AIRPORT / CA99799F358800	0	1	-	2240	\$0	\$3	\$0	\$5,447
BANNING RIFLE RANGE / CA99799F536200	0	1	-	2194	\$0	\$0	\$0	\$2,081
BASIC TRAINING CENTER NO. 8 / CA99799FA26100	2	1	2020	2009	\$1,732	\$1	\$4,135	\$0
BEALE AFB ILS OUTER MARKER ANNEX / CA99799F528100	2	0	2017	-	\$12	\$0	\$508	\$0
BEALE AFB TITAN 1-A / CA99799F596600	3	0	2011	-	\$9,093	\$0	\$135	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

BEALE AFB TITAN 1-C / CA99799F599700	2	0	2017	-	\$766	\$0	\$1,946	\$0
BEALE AFB TVOR ANNEX / CA99799F570800	1	0	2012	-	\$13	\$0	\$158	\$0
BENICIA ARSENAL / CA99799F569900	2	1	2017	2003	\$9,679	\$3,804	\$215	\$901
BIG LAGOON BOMBING TARGET / CA99799F527200	0	1	-	2104	\$0	\$0	\$0	\$9,002
BLACK POINT COMMUNICATIONS FACILITY ANNEX / CA99799F528200	2	0	2013	-	\$382	\$0	\$638	\$0
BLYTHE ARMY AIRFIELD / CA99799F537100	1	1	2010	2111	\$405	\$0	\$7	\$4,787
BODEGA HEAD GUNNERY RANGE / CA99799FA30000	2	1	2010	2152	\$151	\$138	\$0	\$8,673
BOLINAS MILITARY RESERVATION / CA99799F570100	1	0	2016	-	\$13	\$0	\$788	\$0
BOLSA CHICA MIL RES / CA99799F537300	0	1	-	2012	\$0	\$0	\$0	\$152
BOMB TARGET (#78) / CA99799F755900	0	1	-	2084	\$0	\$132	\$0	\$3,940
BOMB TARGET (#79) / CA99799F756000	0	1	-	2085	\$0	\$131	\$0	\$8,581
BOMB TARGET NO. 5 HOLLISTER / CA99799F727600	0	1	-	2019	\$13	\$173	\$0	\$3,948
BOMBING TARGET YUMA RECLAMATION PROJECT / CA99799F753800	0	1	-	2080	\$0	\$136	\$0	\$4,227
BOMBING TARGET (SAN FELIPE)(#67) / CA99799F753600	0	1	-	2094	\$0	\$130	\$0	\$8,583
BRAZIL STREET DEPOT / CA99799F600200	1	0	2014	-	\$262	\$0	\$131	\$0
BROWN FIELD BOMBING RANGE / CA99799F600000	0	1	-	2183	\$0	\$170	\$0	\$9,062
CADIZ LAKE SONIC TAR #2 / CA99799F538100	0	1	-	2095	\$0	\$148	\$0	\$7,978
CADIZ LAKE SONIC TAR #3 / CA99799F538200	0	1	-	2096	\$0	\$148	\$0	\$9,353
CADIZ LAKE SONIC TAR #5 / CA99799F538400	0	1	-	2095	\$0	\$144	\$0	\$7,978

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

CADIZ LAKE SONIC TARGET #4 / CA99799F538300	0	1	-	2173	\$0	\$156	\$0	\$7,963
CADIZ LAKE SONIC TARGET #6 / CA99799F538500	0	1	-	2096	\$0	\$144	\$0	\$7,978
CADIZ LAKE SONIC TARGET #7 / CA99799F538600	0	1	-	2091	\$0	\$146	\$0	\$9,546
CADIZ LAKE SONIC TARGET #8 / CA99799F538700	0	1	-	2105	\$0	\$160	\$0	\$7,963
CADIZ LAKE SONIC TARGET #9 / CA99799F538800	0	1	-	2102	\$0	\$145	\$0	\$9,386
CALL MOUNTAIN RADIO RELAY ANNEX / CA99799F570500	1	0	2010	-	\$15	\$0	\$0	\$0
CAMARILLO AIRPRT / CA99799F532900	3	1	2015	2069	\$4,502	\$186	\$790	\$8,615
CAMP ANZA / CA99799F539200	2	0	2016	-	\$1,206	\$0	\$788	\$0
CAMP BEALE / CA99799F736400	1	1	2014	2076	\$14	\$19,923	\$0	\$8,161
CAMP COOKE / CA99799F539500	0	1	-	2071	\$0	\$160	\$0	\$9,586
CAMP FLINT / CA99799F570900	1	0	2010	-	\$103	\$0	\$10	\$0
CAMP KOHLER / CA99799F906600	1	0	2012	-	\$0	\$0	\$50	\$0
CAMP LA MESA / CA99799F540300	0	1	-	2050	\$0	\$0	\$0	\$2,088
CAMP PILOT KNOB / CA99799F540400	0	1	-	2246	\$0	\$0	\$0	\$2,082
CAMP SEELEY COMBAT FIRING RG / CA99799F540700	0	1	-	2097	\$0	\$122	\$0	\$2,082
CAPETOWN GAP FILLER ANNEX / CA99799F571700	2	0	2017	-	\$272	\$0	\$930	\$0
CARROLL CANYON DEMOLITION AREA / CA99799F541400	0	1	-	2240	\$0	\$0	\$0	\$4,994
CASTLE AFB TVOR ANNEX / CA99799F572100	1	0	2011	-	\$17	\$0	\$0	\$0
CASTROVILLE AMPHIBIOUS TRAINING AREA / CA99799F572200	2	1	2015	2136	\$16	\$202	\$872	\$3,674

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

CENTRAL SIERRA SNOW LABORATORY / CA99799F572300	1	0	2016	-	\$12	\$0	\$847	\$0
CHICO ARMY AIRFIELD / CA99799F572400	3	0	2014	-	\$857	\$0	\$1,035	\$0
CIVILIAN WAR HOUSING PROJECT / CA99799F572600	1	0	2014	-	\$140	\$0	\$688	\$0
CLARK'S PASS / CA99799FA33500	0	1	-	2094	\$0	\$157	\$0	\$3,935
CONDOR FIELD #3 / CA99799FA32600	0	1	-	2121	\$0	\$166	\$0	\$9,772
CONDOR FIELD #4 / CA99799FA32700	0	1	-	2048	\$0	\$163	\$0	\$8,822
DAGGETT ARMY AIRFIELD / CA99799F542400	2	1	2013	2106	\$1,961	\$0	\$5,283	\$3,606
DEL MAR ARMY BASE / CA99799F711800	2	0	2020	-	\$0	\$0	\$1,138	\$0
D-Q UNIVERSITY / CA99799F600300	3	0	2018	-	\$3,213	\$0	\$3,304	\$0
EL CENTRO BOMBING TARGET SITE (GILBY)(#69) / CA99799F754300	0	1	-	2082	\$0	\$152	\$0	\$4,216
EL CENTRO ROCKET TARGET NO. 2 (#93) / CA99799F754000	0	1	-	2047	\$0	\$154	\$0	\$8,099
EMERYVILLE ORDNANCE DEPOT / CA99799F863800	1	0	2015	-	\$0	\$0	\$916	\$0
FARALLON ISLANDS / CA99799F917400	1	0	2010	-	\$215	\$0	\$0	\$0
FORT CRONKHITE / CA99799F689700	2	0	2021	-	\$367	\$0	\$2,687	\$0
FORT FUNSTON / CA99799F986100	1	1	2013	2001	\$291	\$1	\$758	\$0
FORT MASON / CA99799F868500	1	0	2015	-	\$387	\$0	\$3,487	\$0
FORT MASON PORT OF EMBARKATION / CA99799F582200	1	0	2017	-	\$192	\$0	\$4,872	\$0
FORT MOJAVE RESERVATION / CA99799FA35800	0	1	-	2012	\$0	\$0	\$0	\$152
FRANKLIN AUXILIARY FIELD NO. 6 / CA99799F574700	2	0	2018	-	\$13	\$0	\$866	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

FRENCHMAN CREEK CAMP / CA99799F824400	1	0	2011	-	\$0	\$0	\$284	\$0
GARDNER FIELD / CA99799F544900	0	1	-	2011	\$0	\$258	\$0	\$1,953
GOFFS CAMPSITE / CA99799F545100	0	1	-	2176	\$0	\$173	\$0	\$3,299
GOLDEN GATE NATIONAL RECREATION AREA / CA99799F522200	2	0	2023	-	\$3,825	\$0	\$2,270	\$0
GRAND CENTRAL AIR TERMINAL / CA99799F545200	2	0	2015	-	\$695	\$0	\$112	\$0
GRIZZLY CREEK CAMP / CA99799F587200	1	0	2013	-	\$0	\$0	\$168	\$0
GUSTINE BOMBING RANGE / CA99799FA29700	0	1	-	2035	\$0	\$180	\$0	\$4,839
HAMMOND GENERAL HOSPITAL / CA99799F576000	3	0	2010	-	\$150	\$0	\$0	\$0
HANFORD CHEMICAL WARFARE SERVICE WAREHOUSE / CA99799F863600	1	0	2014	-	\$0	\$0	\$918	\$0
HAYFORK GAP FILLER ANNEX / CA99799F576100	2	0	2014	-	\$430	\$0	\$1,520	\$0
HAYWARD ARMY AIRFIELD / CA99799F576200	2	0	2020	-	\$30	\$0	\$9,112	\$0
HOLTVILLE ROCKET TARGET 1R (#94) / CA99799F755700	0	1	-	2048	\$0	\$158	\$0	\$8,921
HOLTVILLE ROCKET TARGET RANGE / CA99799FA50500	0	1	-	2037	\$0	\$162	\$0	\$8,202
HOLTVILLE TARGET (BT) NO.3 / CA99799F755600	0	1	-	2047	\$0	\$158	\$0	\$3,920
HUNTERS POINT SHIPYARD ANNEX / CA99799F592900	3	0	2016	-	\$305	\$0	\$2,879	\$0
INYOKERN AIRFIELD / CA99799F546600	1	1	1998	2240	\$688	\$0	\$0	\$4,045
IRVINE PARK- ARMY CAMP / CA99799F995200	0	1	-	2114	\$0	\$0	\$0	\$9,593
JANESVILLE GAP FILLER ANNEX / CA99799F576900	1	0	2013	-	\$139	\$0	\$775	\$0
JENNER BOMBING TARGET / CA99799F593500	1	1	2010	2116	\$138	\$149	\$0	\$4,881

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

JENNER RADAR SITE B-76 / CA99799F583100	1	1	2014	1996	\$12	\$7	\$56	\$0
JET PROPULSION LAB / CA99799F546700	1	0	2018	-	\$561	\$0	\$112	\$0
KANE SPRINGS SBT (#62) / CA99799F755800	0	1	-	2049	\$0	\$181	\$0	\$9,070
LAKE CHABOT MACHINE GUN RANGE / CA99799F591400	2	1	2012	2009	\$280	\$2	\$150	\$0
LAYTONVILLE GAP FILLER ANNEX / CA99799F577600	1	0	2015	-	\$0	\$0	\$760	\$0
LINCOLN AUXILIARY FIELD A-2 / CA99799F578200	1	0	2015	-	\$17	\$0	\$1,812	\$0
LINCOLN RADIO BEACON ANNEX / CA99799F578400	1	0	2010	-	\$15	\$0	\$0	\$0
LINDA VISTA VALLEY AUX. LANDING FIELD- NAVY / CA99799FA05900	0	1	-	2038	\$0	\$186	\$0	\$3,541
LITTLE DEVIL'S SLIDE MILITARY RESERVATION / CA99799F578500	1	0	2014	-	\$30	\$0	\$558	\$0
LIVERMORE GUNNERY RANGE / CA99799FA30600	2	1	2014	2010	\$424	\$2	\$169	\$0
LIVERMORE NAVY AUXILIARY FIELD / CA99799FA30500	1	0	2013	-	\$0	\$0	\$250	\$0
LONG BEA MUNICIPAL AIRPORT / CA99799F550500	0	1	-	2241	\$0	\$0	\$0	\$3,411
LOS ANGELES MUNICIPAL AIRPORT / CA99799F549000	0	1	-	2240	\$0	\$0	\$0	\$797
MARCH AFB - POORMAN GUNNERY RANGE / CA99799FA42700	0	1	-	2253	\$0	\$120	\$0	\$2,089
MARCH FIELD / CA99799F991100	0	1	-	2059	\$0	\$265	\$0	\$1,944
MARINE CORPS AIRSTATION MOJAVE / CA99799F599400	2	1	2017	2124	\$1,426	\$0	\$1,016	\$5,065
MARINE CORPS LOGISTICS BASE, BARSTOW / CA99799F695100	0	1	-	2244	\$0	\$0	\$0	\$6,332
MARINE PARACHUTE SCHOOL LA MESA / CA99799FA06700	0	1	-	2090	\$0	\$159	\$0	\$1,936
MARYSVILLE ARMY AIRFIELD / CA99799F579000	2	0	2019	-	\$822	\$0	\$3,478	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

MARYSVILLE JAPANESE RECEPTION CENTER / CA99799F579100	1	0	2013	-	\$0	\$0	\$298	\$0
MERCED AUXILIARY FIELD NO. 1 / CA99799F579800	1	0	2010	-	\$3	\$0	\$0	\$0
MERCED AUXILIARY FIELD NO. 3 / CA99799F579600	1	0	2010	-	\$16	\$0	\$0	\$0
MIDWAY VILLAGE / CA99799F591100	1	0	2017	-	\$30	\$0	\$146	\$0
MILL VALLEY AFB / CA99799F688800	2	0	2010	-	\$922	\$0	\$0	\$0
MINTER FIELD AIRPORT / CA99799F551900	2	0	2010	-	\$622	\$0	\$8	\$0
MONTEZUMA SLOUGH / CA99799FA20500	2	1	2010	2001	\$0	\$1	\$0	\$0
MOUNT CAMPBELL RIFLE RANGE / CA99799F580200	2	1	2015	2009	\$178	\$5	\$950	\$0
MOUNT OWEN RIFLE RANGE / CA99799F580300	2	1	2012	2009	\$343	\$2	\$1,505	\$0
MOUNT PIERCE RADIO RELAY ANNEX / CA99799F580400	1	0	2014	-	\$0	\$0	\$105	\$0
NAVAL AIR STATION OAKLAND / CA99799F594600	2	0	2014	-	\$2,825	\$0	\$1,352	\$0
NAVAL AUXILIARY AIR STATION / CA99799FA07800	1	1	2017	2204	\$1,868	\$122	\$1,928	\$807
NAVAL AUXILIARY AIR STATION ARCATA / CA99799F573900	2	1	2011	1999	\$2,560	\$0	\$0	\$0
NAVAL AUXILIARY AIR STATION HOLLISTER / CA99799F593100	1	0	2012	-	\$408	\$0	\$324	\$0
NAVAL AUXILIARY AIR STATION MONTEREY / CA99799F600400	4	0	2010	-	\$14,387	\$0	\$1,001	\$0
NAVAL AUXILIARY AIR STATION SANTA ROSA / CA99799F600100	2	0	2010	-	\$7,341	\$0	\$1,363	\$0
NAVAL AUXILIARY AIR STATION VERNALIS / CA99799FA30300	2	1	2010	2009	\$895	\$2	\$30	\$1,222
NAVAL AUXILIARY AIR STATION WATSONVILLE / CA99799F962800	2	0	2012	-	\$155	\$0	\$462	\$0
NAVAL AUXILIARY LANDING FIELD CROWS LANDING / CA99799F833100	1	1	2017	2009	\$271	\$57	\$1,148	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California								
NAVAL INDUSTRIAL REPAIR FACILITY OAKLAND / CA99799F598000	1	0	2015	-	\$0	\$0	\$2,329	\$0
NEW MERCED MUNICIPAL AIRPORT / CA99799F580900	1	0	2010	-	\$16	\$0	\$0	\$0
OAKLAND AREA HOSPITAL SITE / CA99799F581100	1	0	2014	-	\$15	\$0	\$981	\$0
OAKLAND MUNICIPAL AIRPORT / CA99799F581200	2	1	2017	2010	\$13	\$1	\$3,236	\$0
OAKLAND MUNICIPAL AIRPORT DETACHMENT HOUSING SITE / CA99799F581000	1	0	2013	-	\$15	\$0	\$1,084	\$0
ONTARIO ARMY AIRFIELD / CA99799F686800	1	1	2015	2253	\$107	\$0	\$112	\$2,235
OROVILLE ARMY AIRFIELD / CA99799F581400	3	0	2014	-	\$742	\$0	\$942	\$0
OROVILLE PRECISION BOMBING RANGE / CA99799F581600	2	0	2010	-	\$4	\$0	\$0	\$0
PALM SPRINGS ARMY AIR FIELD / CA99799F555100	0	2	-	2096	\$0	\$326	\$0	\$3,329
PARKS AFB / CA99799FA50600	2	0	2019	-	\$308	\$0	\$6,636	\$0
PARR RICHMOND TERMINAL NO. 1 / CA99799F582000	1	0	2017	-	\$162	\$0	\$6,867	\$0
PETALUMA BOMBING TARGET / CA99799FA30800	2	0	2010	-	\$82	\$0	\$0	\$0
PILLAR POINT MILITARY RESERVATION / CA99799F582100	1	0	2016	-	\$13	\$0	\$699	\$0
POINT CABRILLO RADAR SIMULATOR ANNEX / CA99799F582600	2	0	2016	-	\$112	\$0	\$582	\$0
POINT LOBOS SEARCHLIGHT POSITION / CA99799F582700	1	0	2011	-	\$13	\$0	\$230	\$0
POINT REYES DATUM POINT & ACCESS ROAD / CA99799F582800	1	0	2016	-	\$12	\$0	\$645	\$0
PORT HUENEME S/COAST DEF SITE / CA99799F556100	0	1	-	2110	\$0	\$0	\$0	\$2,799
PORTERVILLE ARMY AIRFIELD / CA99799F582300	1	0	2014	-	\$0	\$0	\$245	\$0
PRESUMED BOMBING SITE SAFETY AREA / CA99799F758000	0	1	-	2087	\$0	\$66	\$0	\$3,640

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California								
RAMONA BOMBING TARGET/EMERGENCY / CA99799F596400	0	1	-	2048	\$0	\$161	\$0	\$3,792
RED BLUFF AIR FORCE STATION / CA99799F583400	2	0	2011	-	\$295	\$0	\$0	\$0
REDDING ARMY AIRFIELD / CA99799F583600	2	1	2015	2103	\$866	\$0	\$2,805	\$0
REQUA AIR FORCE STATION / CA99799F522400	2	0	2027	-	\$1,834	\$0	\$2,495	\$0
RIALTO AMMUNITION STORAGE POIT / CA99799F557900	2	1	2014	1995	\$185	\$0	\$15	\$0
ROSEDALE FIELD AND BOMBING TARGET / CA99799F594000	0	1	-	2088	\$0	\$253	\$0	\$4,222
RUSSIAN GULCH CAMP SITE / CA99799F584100	1	0	2011	-	\$12	\$0	\$210	\$0
SACRAMENTO DISTRICT ENGINEER YARD-WEIR AREA / CA99799F573800	1	0	2014	-	\$13	\$0	\$845	\$0
SACRAMENTO ENGINEERING DEPOT / CA99799F584200	1	0	2011	-	\$16	\$0	\$246	\$0
SACRAMENTO MUNICIPAL AIRPORT / CA99799F584300	2	0	2018	-	\$12	\$0	\$3,043	\$0
SALINAS ARMY AIRFIELD / CA99799F584500	2	1	2018	2019	\$2,798	\$180	\$3,307	\$4,651
SALINAS GARRISON / CA99799F584600	1	0	2010	-	\$0	\$0	\$198	\$0
SALINE VALLEY ATA GUN RGE / CA99799F558100	0	1	-	2012	\$0	\$0	\$0	\$152
SALTON SEA BOMB TARGET (FBT 11)(#52) / CA99799F756500	0	1	-	2086	\$0	\$62	\$0	\$2,797
SALTON SEA BOMB TARGET (FBT 15)(#56) / CA99799F756900	0	1	-	2010	\$0	\$69	\$0	\$15
SALTON SEA BOMB TARGET (FBT 16)(#57) / CA99799F757000	0	1	-	2010	\$0	\$133	\$0	\$15
SALTON SEA BOMB TARGET(10)(#51) / CA99799F756400	0	1	-	2010	\$0	\$62	\$0	\$15
SALTON SEA BOMB TARGET(9)(#50) / CA99799F756300	0	1	-	2044	\$0	\$64	\$0	\$1,714
SALTON SEA BOMB TARGET(FBT 12)(#53) / CA99799F756600	0	1	-	2010	\$0	\$66	\$0	\$15

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

SALTON SEA BOMB TARGET(FBT 13)(#54) / CA99799F756700	0	1	-	2010	\$0	\$63	\$0	\$15
SALTON SEA BOMB TARGET(FBT 14)(#55) / CA99799F756800	0	1	-	2010	\$0	\$65	\$0	\$15
SALTON SEA BOMB TARGET(FBT 17)(#58) / CA99799F757100	0	1	-	2045	\$0	\$133	\$0	\$4,441
SALTON SEA BOMB TARGET(FBT 18)(#59) / CA99799F757200	0	1	-	2010	\$0	\$63	\$0	\$15
SALTON SEA BOMB TARGET(FBT 19)(#60) / CA99799F757300	0	1	-	2010	\$0	\$144	\$0	\$15
SALTON SEA SKIP BOMB TARGET (#61) / CA99799F757400	0	1	-	2010	\$0	\$129	\$0	\$15
SAN BERNARDINO CWS PL / CA99799F559000	1	1	2006	2022	\$14	\$180	\$0	\$3,920
SAN FRANCISCO AAA BATTERY 12 / CA99799F584900	1	0	2012	-	\$0	\$0	\$262	\$0
SAN FRANCISCO AAA BATTERY 40 / CA99799F585000	3	0	2017	-	\$13	\$0	\$593	\$0
SAN FRANCISCO AAA BATTERY 61-N / CA99799F585100	1	0	2012	-	\$13	\$0	\$207	\$0
SAN FRANCISCO DEFENSE AREA SITE 61-R / CA99799F586000	2	0	2016	-	\$13	\$0	\$308	\$0
SAN FRANCISCO MUNICIPAL AIRPORT / CA99799F586100	1	0	2011	-	\$0	\$0	\$473	\$0
SAN FRANCISCO NIKE BATTERY 25 / CA99799F585300	2	0	2017	-	\$312	\$0	\$166	\$0
SAN FRANCISCO NIKE BATTERY 51 SWEENEY RIDGE / CA99799F690100	2	0	2012	-	\$72	\$0	\$246	\$0
SAN FRANCISCO NIKE BATTERY 89 / CA99799F585700	2	0	2010	-	\$273	\$0	\$0	\$0
SAN FRANCISCO NIKE BATTERY 93 / CA99799F585900	2	0	2017	-	\$410	\$0	\$1,122	\$0
SAN FRANCISCO TRANS-OCEANIC RECEIVER STATION SITE / CA99799F586200	1	0	2011	-	\$13	\$0	\$199	\$0
SAN RAFAEL BIVOUAC AREA / CA99799F584700	1	0	2011	-	\$13	\$0	\$130	\$0
SANTA BARBARA MUN AIRPORT / CA99799F691200	1	1	1995	2241	\$1,509	\$0	\$0	\$2,089

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

SANTA CATALINA IS BOMBING AREA / CA99799F596300	0	1	-	2117	\$0	\$0	\$0	\$4,323
SANTA MARIA AAF / CA99799F562100	2	0	2019	-	\$53	\$0	\$1,660	\$0
SANTA ROSA FEDERAL CENTER / CA99799F691700	2	0	2014	-	\$105	\$0	\$776	\$0
SANTA ROSA ISLAND AFS / CA99799F533500	1	0	2015	-	\$181	\$0	\$487	\$0
SECTION, SEAPLANE, LIGHTER THAN AIR BASE / CA99799FA12700	1	1	2011	2008	\$0	\$1	\$354	\$0
SHARPE ARMY DEPOT / CA99799F586300	1	0	2013	-	\$221	\$0	\$913	\$0
SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #1 / CA99799FA32900	0	1	-	2086	\$0	\$232	\$0	\$4,855
SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #2 / CA99799FA33000	0	1	-	2108	\$0	\$232	\$0	\$5,461
SISKIYOU COUNTY AIRPORT / CA99799F586500	2	1	2014	2112	\$636	\$156	\$2,821	\$5,360
SISKIYOU PETROLEUM, OIL & LUBRICANTS ANNEX / CA99799F529900	1	0	2010	-	\$111	\$0	\$0	\$0
SOLEDAD PRISONER OF WAR CAMP / CA99799F586600	1	0	2011	-	\$0	\$0	\$276	\$0
STANISLAUS BOMBING TARGET / CA99799F596900	0	1	-	2141	\$0	\$129	\$0	\$4,864
STINSON BEACH FIRE CONTROL STATION / CA99799F587000	1	1	2016	2001	\$12	\$0	\$149	\$0
STOCKTON MILITARY AIRFIELD / CA99799F523400	1	1	2017	2009	\$0	\$0	\$239	\$0
SUNNYVALE ORDNANCE DEPOT / CA99799F863700	1	0	2015	-	\$0	\$0	\$875	\$0
TEMECULA BOMB TARGET #107 / CA99799FA49400	0	1	-	2020	\$0	\$166	\$0	\$9,844
TEMECULA BOMBING RANGE #2 / CA99799FA47800	0	1	-	2055	\$0	\$164	\$0	\$8,841
THERMAL GRD AIR STA BASE / CA99799F563700	1	1	2004	2254	\$238	\$0	\$0	\$6,525
THIRD & ARMY STREET PROPERTY / CA99799F587400	1	0	2013	-	\$13	\$0	\$777	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

THORNTON BEACH MILITARY RESERVATION / CA99799F587500	1	0	2011	-	\$0	\$0	\$230	\$0
TIBURON NAVAL NET DEPOT / CA99799F597000	1	0	2010	-	\$1	\$0	\$0	\$0
TRACY AUXILIARY FIELD NO. 5 / CA99799F587700	2	0	2015	-	\$293	\$0	\$703	\$0
TRAVIS AFB NIKE BATTERY 10 / CA99799F587900	2	0	2023	-	\$544	\$0	\$2,920	\$0
TRAVIS AFB NIKE BATTERY 33 / CA99799F588000	2	0	2015	-	\$13	\$0	\$225	\$0
TRINIDAD BOMBING TARGET / CA99799FA30700	1	1	2013	2117	\$0	\$168	\$1,088	\$7,426
TULE LAKE PRISONER OF WAR CAMP / CA99799F914800	1	0	2016	-	\$0	\$0	\$871	\$0
TURLOCK BOMB LOADING PLANT / CA99799F588400	2	0	2015	-	\$0	\$0	\$2,085	\$0
TURLOCK REHABILITATION CENTER / CA99799F588500	1	1	2013	2009	\$14	\$2	\$214	\$0
TUSTIN NATIL GUARD RIFLE RANGE / CA99799F564100	0	1	-	2097	\$0	\$152	\$0	\$1,918
TWO ROCK RANCH STATION / CA99799F588600	2	1	2012	2009	\$28	\$54	\$127	\$0
U.S. ARMY RESERVE CENTER / CA99799F588800	1	0	2011	-	\$17	\$0	\$206	\$0
UNIV OF CAL, SANTA BARBARA / CA99799F691300	2	0	2010	-	\$773	\$0	\$0	\$0
UPPER LAKE DISTRICT NAVY CAMP / CA99799F524900	3	0	2014	-	\$13	\$0	\$326	\$0
VAN NUYS AAF / CA99799F534600	0	1	-	2037	\$0	\$267	\$0	\$7,070
VERNALIS BOMB TARGET NO. 6 / CA99799FA49800	0	1	-	2151	\$0	\$137	\$0	\$4,072
VHF SITE 4K4 MILITARY RESERVATION / CA99799F589200	1	0	2010	-	\$201	\$0	\$56	\$0
VICTORVILLE PBR N-3 / CA99799F565900	0	1	-	2105	\$0	\$165	\$0	\$4,572
VICTORVILLE PBR NO 1 / CA99799F566000	0	1	-	2119	\$0	\$171	\$0	\$4,811

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

California

VICTORVILLE PBR NO 11 / CA99799F566200	0	1	-	2177	\$0	\$146	\$0	\$3,920
VICTORVILLE PBR NO 12 / CA99799F566300	0	1	-	2235	\$0	\$158	\$0	\$4,335
VICTORVILLE PBR NO 13 / CA99799F566400	0	1	-	2118	\$0	\$170	\$0	\$4,079
VICTORVILLE PBR NO 14 / CA99799F566500	0	1	-	2177	\$0	\$152	\$0	\$4,335
VICTORVILLE PBR NO 15 / CA99799F566600	0	1	-	2119	\$0	\$161	\$0	\$4,335
VICTORVILLE PBR NO 16 / CA99799F566700	0	1	-	2233	\$0	\$148	\$0	\$4,058
VICTORVILLE PBR NO 19 / CA99799F567000	0	1	-	2115	\$0	\$166	\$0	\$4,079
VICTORVILLE PBR NO 3 / CA99799F567300	0	1	-	2115	\$0	\$167	\$0	\$3,920
VICTORVILLE PBR NO 4 / CA99799F567400	0	1	-	2116	\$0	\$166	\$0	\$3,920
VICTORVILLE PBR NO 6 / CA99799F567600	0	1	-	2183	\$0	\$151	\$0	\$4,550
VICTORVILLE PBR NO 8 / CA99799F567800	0	1	-	2047	\$0	\$168	\$0	\$3,934
VICTORVILLE PBR NO 9 / CA99799F567900	0	1	-	2213	\$0	\$152	\$0	\$3,945
VICTORVILLE PBR NO. 2 / CA99799F567100	0	1	-	2046	\$0	\$173	\$0	\$3,920
VICTORVILLE PBR NO. 20 / CA99799F567200	0	1	-	2131	\$0	\$236	\$0	\$3,920
VICTORVILLE PBR NO. 7 / CA99799F567700	0	1	-	2046	\$0	\$165	\$0	\$3,920
VICTORVILLE PBR NO.10 / CA99799F566100	0	1	-	2177	\$0	\$154	\$0	\$4,103
VICTORVILLE PBR Y / CA99799F568000	0	1	-	2048	\$0	\$164	\$0	\$4,713
VICTORVILLE PBR Z / CA99799FA33300	0	1	-	2102	\$0	\$0	\$0	\$6,672
VICTORVILLE PRE BOMB RANGE N-1 / CA99799F565700	0	1	-	2033	\$0	\$189	\$0	\$3,831

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California								
VICTORVILLE PRECISION BR NO 5 / CA99799F567500	0	1	-	2116	\$0	\$189	\$0	\$4,128
VISALIA ARMY AIRFIELD / CA99799F589500	1	1	2012	2001	\$0	\$0	\$141	\$0
WHITMORE GAP FILLER ANNEX / CA99799F524200	2	0	2019	-	\$505	\$0	\$899	\$0
WILDCAT MILITARY RESERVATION / CA99799F522300	1	1	2019	2001	\$83	\$0	\$0	\$0
WILSHIRE OIL CO. / CA99799FA48700	1	0	2019	-	\$318	\$0	\$1,107	\$0
WILSON PARK DAVIS COMMUNICATION ANNEX / CA99799F728500	2	0	2010	-	\$65	\$0	\$0	\$0
WINDSOR PRISONER OF WAR LABOR CAMP / CA99799F590400	1	0	2018	-	\$0	\$0	\$26	\$0
WINONA BT 1 (#90) / CA99799F755200	0	1	-	2019	\$0	\$1,548	\$0	\$9,103
WINONA BT 2 (#91) / CA99799F755300	0	1	-	2016	\$0	\$357	\$0	\$7,415
YERBA BUENA ISLAND / CA99799F590600	1	0	2010	-	\$52	\$0	\$63	\$0
YOLO COUNTY AIRPORT / CA99799F530000	2	1	2019	2009	\$358	\$1	\$2,233	\$0
YREKA GAP FILLER ANNEX / CA99799F590700	1	0	2017	-	\$116	\$0	\$216	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Colorado								
ARMY								
FIRESTONE CSMS / CO821180861200	0	1	-	2013	\$0	\$0	\$0	\$2,603
NAVY								
LOWRY AFB ARMFORAIRC / CO817003101600	5	1	2011	2011	\$111	\$6,652	\$0	\$0
AIR FORCE								
LOWRY AFB / CO857002413000 / (1) / (3)	20	5	2017	2007	\$101,560	\$600	\$0	\$0
PETERSON AIR FORCE BASE / CO857112419100	10	9	2010	2019	\$3,019	\$2,960	\$0	\$0
FORMERLY USED DEFENSE SITES								
FE WARREN AFB FAC SITE 11 / CO89799F052500	1	0	2015	-	\$1,466	\$0	\$5,051	\$0
FE WARREN AFB FAC SITE 12 / CO89799F052700	2	0	2012	-	\$5,236	\$0	\$4,453	\$0
FE WARREN AFB FAC SITE 13 / CO89799F052800	2	0	2013	-	\$1,341	\$0	\$4,957	\$0
FT CARSON MANEUVER AREA / CO89799F053000	0	1	-	2010	\$0	\$145	\$0	\$10
LAJUNTA ARMY AIR FIELD / CO89799F057500	1	1	1996	2035	\$68	\$0	\$0	\$1,651
LOWRY AFB S-1 (COMPLEX 1B) / CO89799F694300	2	0	2010	-	\$3,371	\$0	\$492	\$0
LOWRY AFB S-1 (COMPLEX 1C) / CO89799F694400	2	0	2014	-	\$2,524	\$0	\$7,090	\$0
LOWRY AFB S-2 (COMPLEX 2C) / CO89799F694600	1	0	2011	-	\$569	\$0	\$1,413	\$0
LOWRY AFB S-3 (COMPLEX 2B) / CO89799F694700	2	0	2020	-	\$1,039	\$0	\$5,848	\$0
PUEBLO PRE BOMB RGE #1 / CO89799F058500	0	1	-	2032	\$0	\$154	\$0	\$3,912

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Connecticut								
ARMY								
ILT JOHN S TURNER USARC / CT121041AB1800	5	0	2014	-	\$0	\$0	\$734	\$0
BRADLEY FIELD ARNG / CT121180918000	4	0	2011	-	\$0	\$0	\$40	\$0
NAVY								
EAST LYME NUSC / CT117002757400	1	0	2011	-	\$195	\$0	\$0	\$0
EAST LYME NUWC / CT117003000100	1	0	2044	-	\$429	\$0	\$4,239	\$0
AIR FORCE								
BRADLEY IAP (EAST GRANBY) / CT157282678300 / (3)	7	0	2013	-	\$2,516	\$0	\$1,010	\$0
ORANGE AIR GUARD STATION / CT157282845600	2	0	2014	-	\$3,236	\$0	\$1,338	\$0
FORMERLY USED DEFENSE SITES								
BOMBING AREA (CT) / CT19799F176700	0	1	-	2055	\$0	\$176	\$0	\$4,027

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Delaware								
ARMY								
RIVER ROAD TRAINING SITE / DE321181060500	0	2	-	2020	\$0	\$142	\$0	\$3,326
AIR FORCE								
NEW CASTLE COUNTY AIRPORT (WILMINGTON) / DE357282427400	7	0	2014	-	\$7,364	\$0	\$2,142	\$0
FORMERLY USED DEFENSE SITES								
DELAWARE TARGET AREAS / DE39799F133400	1	2	1995	2024	\$0	\$593	\$0	\$7,392
DOVER AFB PRECISION BOMB RANGE / DE39799F133500	0	1	-	2033	\$0	\$188	\$0	\$9,661
FORT MILES MILITARY RESERVATION / DE39799F133300	3	1	2007	2010	\$1,471	\$3,858	\$0	\$570
GOVERNOR BACON HEALTH CENTER / DE39799F134200	3	1	2016	2007	\$534	\$171	\$258	\$0
NEW CASTLE AAF / DE39799F135900	2	1	2000	2035	\$654	\$180	\$0	\$2,842

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
District of Columbia								
NAVY								
ANACOSTIA NS / DC317002756200	6	2	2013	2010	\$3,488	\$132	\$272	\$0
WASHINGTON DC NAVOBSY / DC317002345400	1	0	2010	-	\$646	\$0	\$83	\$0
WASHINGTON NAVY YARD / DC317002431000	31	1	2017	2011	\$33,353	\$709	\$5,453	\$0
WASHINGTON NRL / DC317002431100	3	5	2011	2012	\$22	\$380	\$0	\$1,595
AIR FORCE								
BOLLING AIR FORCE BASE / DC357042444300 / (1) / (3)	23	0	2012	-	\$14,576	\$0	\$2,241	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Florida								
NAVY								
CECIL FIELD NAS / FL417002247400 / (1)	29	1	2029	2016	\$63,972	\$2,595	\$6,768	\$2,689
MAYPORT NS / FL417002378800	45	0	2020	-	\$36,207	\$0	\$4,983	\$0
PANAMA CITY CSS / FL417002379200	20	0	2013	-	\$14,375	\$0	\$536	\$0
PENSACOLA NTTCC CORRY STATION / FL417002440800	4	1	2041	2021	\$923	\$83	\$3,160	\$585
PENSACOLA PWC / FL417002456700	1	0	2011	-	\$0	\$0	\$0	\$0
SAUFLEY FIELD NAS / FL417002447300	6	1	2019	2019	\$2,280	\$286	\$5,805	\$389
AIR FORCE								
AVON PARK AIR FORCE RANGE / FL457212458700	78	0	2017	-	\$29,478	\$0	\$2,241	\$0
CAMP BLANDING MIL RESERVATION / FL49799F434300	6	0	-	-	\$0	\$0	\$0	\$0
HOMESTEAD AIR FORCE BASE / FL457212403700 / (1) / (3)	35	2	2038	2017	\$32,472	\$1,933	\$1,083	\$0
JACKSONVILLE INTERNATIONAL AIRPORT / FL457282844600	11	0	2012	-	\$3,106	\$0	\$212	\$0
FORMERLY USED DEFENSE SITES								
26-MILE BEND BOMB TARGET / FL49799F469800	0	1	-	2099	\$0	\$145	\$0	\$1,386
ALACHUA AAF / FL49799F439600	1	0	2042	-	\$0	\$0	\$73	\$0
ALLIGATOR BOMB TARGET / FL49799F918500	0	1	-	2098	\$0	\$124	\$0	\$7,220
ARMY AIR-TO-GROUND GUNNERY STRAFING TARGET / FL49799FA15600	0	1	-	2093	\$0	\$141	\$0	\$1,605
BAKER TARGET / FL49799F469300	0	1	-	2084	\$0	\$123	\$0	\$4,281
BARTOW ARMY AIRFIELD / FL49799F455600	1	1	1996	2072	\$231	\$197	\$0	\$7,566
BELL TARGET / FL49799F469100	0	1	-	2096	\$0	\$123	\$0	\$3,363

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Florida

BLACK CREEK BOMB TARGET / FL49799F468900	0	1	-	2043	\$0	\$170	\$0	\$4,158
BOCA RATON AAF / FL49799F439200	0	1	-	2069	\$0	\$86	\$0	\$2,403
BOSTWICK BOMB TARGET / FL49799F471200	0	1	-	2101	\$0	\$139	\$0	\$7,711
BROOKSVILLE AAF / FL49799F436300	0	1	-	2017	\$542	\$2,797	\$0	\$317
BUSHNELL ARMY AIRFIELD / FL49799F436400	2	1	2006	2051	\$3,500	\$104	\$1,324	\$429
CAMP MURPHY / FL49799F436900	1	0	2019	-	\$17	\$0	\$620	\$0
CAYO COSTA MIL RESERVATION / FL49799F715500	0	1	-	2098	\$0	\$223	\$0	\$7,558
CHAFEE BOMB TARGET / FL49799F466700	0	1	-	2049	\$0	\$188	\$0	\$2,945
CHICOPIT BOMB TARGET / FL49799F723500	0	1	-	2068	\$0	\$141	\$0	\$2,046
CLAY BOMB TARGET / FL49799F470300	0	1	-	2095	\$0	\$139	\$0	\$4,204
CORRY ST USN TECH TRAINING / FL49799F467900	1	0	2016	-	\$12	\$0	\$508	\$0
CROSS CITY AAF / FL49799F439900	1	1	2001	2088	\$47	\$0	\$0	\$1,705
CROSS CITY TARGET RGE / FL49799F967300	0	1	-	2070	\$0	\$0	\$0	\$9,210
DADE BOMBING RANGE / FL49799F967400	0	1	-	2082	\$0	\$204	\$0	\$5,375
DALE MABRY AAF / FL49799F715800	1	1	2011	2118	\$12	\$0	\$646	\$4,504
DREW FIELD / FL49799F450600	2	1	2011	2005	\$1,746	\$65	\$207	\$0
ELLYSON FIELD / FL49799F839600	2	0	2024	-	\$3,352	\$0	\$989	\$0
FORT CLINCH / FL49799F716500	0	1	-	2062	\$0	\$252	\$0	\$5,879
FORT TAYLOR / FL49799F444700	0	1	-	2082	\$0	\$208	\$0	\$4,307

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Florida

FT LAUDERDALE BOMB TARGET 1 / FL49799F713300	0	1	-	2057	\$0	\$124	\$0	\$3,066
FT LAUDERDALE HOUSING / FL49799F446900	0	1	-	2115	\$0	\$122	\$0	\$2,593
FT LAUDERDALE N STRAFING TARGET / FL49799F714200	0	1	-	2074	\$0	\$122	\$0	\$7,069
FT LAUDERDALE S STRAFING TARGET / FL49799F714300	0	1	-	2035	\$0	\$122	\$0	\$7,067
FT PIERCE NAVAL AMPH BASE / FL49799F461400	1	1	2021	2017	\$0	\$413	\$669	\$281
FULLERVILLE TARGET / FL49799F471000	0	1	-	2064	\$0	\$188	\$0	\$2,810
GUN RANGE SUNNY ISLES / FL49799F856900	0	1	-	2013	\$0	\$132	\$0	\$189
HENDRICKS AAF / FL49799F440400	2	0	2025	-	\$1,080	\$0	\$1,281	\$0
JACKSONVILLE SMALL ARMS RANGE / FL49799F717600	0	1	-	2088	\$0	\$0	\$0	\$1,643
KAY LARKIN AIRPORT / FL49799F434800	0	1	-	2141	\$0	\$0	\$0	\$1,585
KEYSTONE BOMB TARGET / FL49799F469000	1	1	1990	2062	\$13	\$150	\$0	\$3,041
LAKE CITY NAAS / FL49799F465800	2	1	2025	2120	\$3,168	\$0	\$3,650	\$2,695
LAKE DISSTON TARGET / FL49799F470500	0	1	-	2082	\$0	\$155	\$0	\$3,591
LAKE HANCOCK SMALL ARMS & BOMBING / FL49799F718000	0	1	-	2088	\$0	\$168	\$0	\$4,965
LAKE PALESTINE TARGET / FL49799F968400	0	1	-	2114	\$0	\$139	\$0	\$4,663
LAKE WEIR BOMB TARGET / FL49799F968600	0	1	-	2048	\$0	\$0	\$0	\$3,166
LAKE WOODRUFF TARGET / FL49799F968700	0	1	-	2115	\$0	\$74	\$0	\$2,550
LAKELAND AAF / FL49799F441300	2	1	2023	2023	\$1,460	\$81	\$1,473	\$281
LAKELAND SMALL ARMS RANGE / FL49799F718100	0	1	-	2115	\$0	\$0	\$0	\$1,590

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Florida								
LEE FIELD / FL49799F436800	3	0	2028	-	\$9,548	\$0	\$6,898	\$0
LEESBURG AIR SERVICE CENTER / FL49799F718400	0	1	-	2029	\$0	\$0	\$0	\$1,497
LONG BOAT KEY BOMB & GUN RANGE / FL49799F718600	0	1	-	2033	\$0	\$137	\$0	\$2,779
MANNING TARGET / FL49799F469400	0	1	-	2099	\$0	\$128	\$0	\$4,177
MCCOY AFB / FL49799F453600	2	1	2026	2001	\$3,351	\$473	\$5,160	\$342
MELBOURNE BOMB & GUN RANGE / FL49799F20900	0	1	-	2073	\$0	\$74	\$0	\$4,386
MIAMI INTL AIRPORT / FL49799F448700	1	1	2006	2093	\$442	\$0	\$0	\$2,844
MILL COVE BOMBING SITE / FL49799F720000	0	1	-	2049	\$0	\$179	\$0	\$5,225
MOSQUITO LAGOON TARGET / FL49799F19200	0	1	-	2118	\$0	\$151	\$0	\$6,474
MULLET KEY BOMB & GUN RANGE / FL49799F442000	0	1	-	2021	\$0	\$179	\$0	\$6,800
NAS DAYTONA BEACH / FL49799F720400	0	1	-	2082	\$0	\$0	\$0	\$1,072
NAS MELBOURNE / FL49799F720500	0	1	-	2038	\$0	\$0	\$0	\$1,914
OKESANIA ATG GUN RANGE / FL49799F918100	0	1	-	2116	\$0	\$141	\$0	\$8,848
ORLANDO EXECUTIVE AIRPORT / FL49799F434500	0	1	-	2067	\$0	\$153	\$0	\$2,394
ORLANDO RANGE AND CHEMICAL YARD / FL49799F721500	0	1	-	2016	\$0	\$2,101	\$0	\$7,417
OSPREY BOMBING RANGE / FL49799F721700	0	1	-	2092	\$0	\$136	\$0	\$5,511
OTTER KEY BOMB TARGET / FL49799F699000	0	1	-	2072	\$0	\$87	\$0	\$2,788
PAGE FIELD MIL RESERVATION / FL49799F436700	0	1	-	2071	\$0	\$229	\$0	\$3,744
PALM BEACH AFB / FL49799F455000	1	0	2021	-	\$17	\$0	\$2,021	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Florida								
PASSAGE KEY AIR-TO-GROUND GUN / FL49799F722000	0	1	-	2054	\$0	\$178	\$0	\$2,778
PINELLAS AAF / FL49799F442400	0	1	-	2093	\$0	\$0	\$0	\$2,567
PINELLAS PRACTICE BOMB RANGE / FL49799F442500	0	1	-	2113	\$0	\$208	\$0	\$4,158
RICHMOND NAS / FL49799F435600	3	0	2010	-	\$1,382	\$0	\$610	\$0
RIFLE RANGE MORRISON AAF / FL49799F441900	0	1	-	2093	\$0	\$0	\$0	\$1,590
SANFORD AIRPORT / FL49799F467500	2	1	2024	2115	\$3,748	\$143	\$2,971	\$4,351
SARASOTA AAF / FL49799F442900	0	1	-	2117	\$0	\$0	\$0	\$746
SARASOTA AAF SMALL ARMS RANGE / FL49799F723100	0	1	-	2069	\$0	\$0	\$0	\$1,590
SOPCHOPPY PRECISION BOMB RANGE / FL49799F442800	0	1	-	2100	\$0	\$141	\$0	\$6,738
SPENCER BOMB TARGET SITE / FL49799F464000	0	1	-	2056	\$0	\$175	\$0	\$3,037
ST AUGUSTINE SAT FIELD / FL49799F723400	0	1	-	2089	\$0	\$0	\$0	\$2,584
SWITZERLAND BOMB TARGET / FL49799F464400	0	1	-	2092	\$0	\$182	\$0	\$8,041
VENICE BOMBING RANGE / FL49799F724400	0	1	-	2096	\$0	\$163	\$0	\$3,754
VERO BEACH NAVAL AIR STATION / FL49799F466300	2	0	2018	-	\$485	\$0	\$601	\$0
VERO BEACH TARGET 1 / FL49799F470600	0	1	-	2068	\$0	\$141	\$0	\$3,129
VERO BEACH TARGET NO 2 / FL49799F924300	0	1	-	2094	\$0	\$144	\$0	\$2,733
WITHLACOCHEE AF / FL49799F436500	0	1	-	2020	\$0	\$176	\$0	\$7,599
ZEPHYR HILLS CITY AIRPORT / FL49799F437400	0	1	-	2069	\$0	\$0	\$0	\$699

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Georgia								
ARMY								
FORT BENNING / GA421372101800 / (2)	48	2	2013	2016	\$38,954	\$430	\$5,599	\$1,555
FORT GORDON / GA421372036800	52	0	2020	-	\$29,343	\$0	\$2,346	\$0
FORT MCPHERSON / GA421402056500	12	4	2014	2011	\$9,625	\$420	\$206	\$463
HUNTER ARMY AIRFIELD / GA421402273300 / (3)	21	0	2030	-	\$29,612	\$0	\$7,775	\$0
NAVY								
ALBANY MCLB / GA417302369400 / (1) / (3)	32	0	2040	-	\$43,468	\$0	\$8,430	\$0
ATHENS NAVSCSCOL / GA417002471300	1	0	2011	-	\$3,836	\$0	\$0	\$0
ATLANTA NMCR / GA417002417700	1	0	2011	-	\$245	\$0	\$0	\$0
KINGS BAY NSB / GA41700900100 / (1)	17	0	2013	-	\$14,636	\$0	\$1,383	\$0
AIR FORCE								
DOBBINS AIR FORCE BASE / GA457122458700 / (1) / (3)	10	0	2011	-	\$3,489	\$0	\$1,828	\$0
LEWIS B. WILSON AIRPORT / GA457282746100	2	0	-	-	\$0	\$0	\$0	\$0
MOODY AIR FORCE BASE / GA457212410600 / (3)	43	2	2011	2020	\$72,252	\$3,054	\$2,554	\$0
SAVANNAH INTERNATIONAL AIRPORT / GA457282608100	7	0	2012	-	\$15,048	\$0	\$1,571	\$0
FORMERLY USED DEFENSE SITES								
AUGUSTA ARSENAL DEPOT / GA49799F987900	1	0	2013	-	\$0	\$0	\$464	\$0
CAMP GORDON RIFLE RNGE / GA49799F816200	0	1	-	2041	\$0	\$193	\$0	\$1,425
COCHRAN FLD / GA49799F480400	1	1	2001	2034	\$25	\$151	\$0	\$2,412
CP TOCCOA MIL RES / GA49799F473000	1	2	1995	2023	\$72	\$178	\$0	\$8,637
DANIEL FIELD / GA49799F827300	0	2	-	2037	\$0	\$258	\$0	\$6,427

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Georgia								
GLYNCO NAS / GA49799F481300	2	2	2010	2029	\$1,160	\$220	\$882	\$616
HARRIS NECK NWR / GA49799F473400	2	1	2014	2035	\$566	\$154	\$700	\$1,522
MACON ORDNANCE PLANT / GA49799F481100	2	0	2012	-	\$4,048	\$0	\$193	\$0
NAS ATLANTA / GA49799F481800	2	0	2019	-	\$1,473	\$0	\$2,001	\$0
NIKE 88 / GA49799F473900	1	0	2019	-	\$108	\$0	\$142	\$0
TURNER AIR FORCE BASE / GA49799F474900	6	0	2019	-	\$14,152	\$0	\$4,831	\$0
WAYCROSS AAF / GA49799F480800	1	1	1998	2049	\$13	\$153	\$0	\$1,421

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Guam								
NAVY								
GUAM FISC / GU917002753200 / (3)	7	0	2014	-	\$16,945	\$0	\$3,268	\$0
GUAM PWC / GU917002757600 / (3)	12	0	2020	-	\$74,631	\$0	\$3,419	\$0
GUAMI COMNAV MARIANAS / GU917005704300	0	1	-	2028	\$0	\$383	\$0	\$0
FORMERLY USED DEFENSE SITES								
ASAN POINT TANK FARM / GM99799F965100	1	0	2012	-	\$0	\$0	\$183	\$0
IBANEZ/GUERRERO PROPERTIES / GM99799F374600	2	0	2020	-	\$776	\$0	\$8,116	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Hawaii								
ARMY								
FORT SHAFTER / HI921452220700 / (3)	48	5	2012	2011	\$10,154	\$1,383	\$946	\$87
POHAKULOA TRAINING AREA / HI921452223400 / (3)	18	4	1998	2015	\$1,635	\$3,845	\$1,435	\$8,145
TRIPLER ARMY MEDICAL CENTER / HI921452224100 / (3)	10	0	2012	-	\$12,550	\$0	\$2,503	\$0
WAIAWA GULCH / HI921181508000	3	0	2012	-	\$70	\$0	\$397	\$0
WHEELER ARMY AIRFIELD / HI921452234900	17	10	2011	2012	\$1,632	\$2,014	\$0	\$148
NAVY								
BARBERS POINT NAS / HI917002432600 / (1) / (3)	35	0	2016	-	\$62,744	\$0	\$6,215	\$0
CAMP H.M. SMITH OAHU / HI917302434700 / (1) / (3)	2	3	2017	2011	\$3,678	\$438	\$42	\$0
PEARL HARBOR NSB / HI917002434000	7	0	2020	-	\$7,557	\$0	\$1,071	\$0
AIR FORCE								
BARBERS POINT NAS / HI917002432600	5	0	-	-	\$0	\$0	\$0	\$0
HILO COMM STATION / HI957282963000	5	0	-	-	\$0	\$0	\$0	\$0
KAENA POINT / HI957302872400	1	0	2017	-	\$355	\$0	\$721	\$0
KAHULUI COMM STATION / HI957282963500	7	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
AHUKINI / HI99799F375800	0	1	-	2104	\$0	\$109	\$0	\$2,601
AIEA MILITARY RESERVATION / HI99799F375900	2	0	2011	-	\$838	\$0	\$137	\$0
ARMY IMPACT RANGE / HI99799F376600	0	1	-	2122	\$0	\$150	\$0	\$7,745
DILLINGHAM AIR FORCE BASE / HI99799F380800	0	1	-	2111	\$0	\$176	\$0	\$4,828
DIV CAMP SITE & TRAINING / HI99799F381200	1	0	2012	-	\$0	\$0	\$548	\$0

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Hawaii

ENGINEER BASE YARD / HI99799F381700	1	0	2010	-	\$159	\$0	\$277	\$0
GUN BATTERY / HI99799F383700	1	1	2012	2005	\$0	\$0	\$261	\$0
HALEIWA LANDING FIELD / HI99799F384400	1	0	2010	-	\$164	\$0	\$0	\$0
HEEIA FIRE CONTROL STA / HI99799F385800	1	0	2012	-	\$0	\$0	\$142	\$0
HICKAM MIL AF / HI99799F375000	0	1	-	2103	\$0	\$115	\$0	\$4,559
KAHULUI NAVAL AIR STATION / HI99799F398100	1	0	2012	-	\$0	\$0	\$671	\$0
KAMAOLE TRAINING BASE / HI99799F389500	0	1	-	2101	\$0	\$171	\$0	\$5,380
KANE PUU NAVAL BOMBING RANGE / HI99799F398300	0	1	-	2112	\$0	\$187	\$0	\$4,544
KILAUEA RADAR STATION / HI99799F391800	1	0	2012	-	\$0	\$0	\$364	\$0
KOKEE STATE PARK / HI99799F392100	1	0	2012	-	\$0	\$0	\$227	\$0
LANAI RADAR STATION / HI99799F393700	1	0	2011	-	\$0	\$0	\$96	\$0
MAKAPUU LIGHT HOUSE RES / HI99799F394200	1	1	2012	2119	\$0	\$161	\$433	\$2,862
MAUI AIRPORT MILITARY RES / HI99799F396000	3	0	2016	-	\$3,306	\$0	\$4,500	\$0
MOKUHOONIKI ISLAND / HI99799F397400	0	1	-	2107	\$0	\$189	\$0	\$6,593
MOLOKAI BOMBING TARGETS / HI99799F989900	0	1	-	2121	\$0	\$221	\$0	\$7,183
OAHU ISLAND TARGET / HI99799F399400	0	1	-	2104	\$0	\$223	\$0	\$3,144
PALMYRA ISLAND / HI99799F409700	2	0	2014	-	\$2,995	\$0	\$294	\$0
POPOKI TARGET AREA / HI99799F401700	0	1	-	2056	\$0	\$2,223	\$0	\$5,240
RABBIT ISLAND / HI99799F404100	0	1	-	2108	\$0	\$234	\$0	\$8,699

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Hawaii

UNEXPLODED ORD REMOVAL / HI99799F397700	0	1	-	2117	\$0	\$145	\$0	\$4,926
WAIAWA TRAINING AREA / HI99799FA10200	0	1	-	2117	\$0	\$0	\$0	\$6,571

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Idaho								
ARMY								
KIMAMA TS RUPERT / ID0211816B9500	0	5	-	2017	\$0	\$165	\$0	\$5,567
AIR FORCE								
BOISE AIR TERMINAL GOWEN FIELD / ID057282587400 / (3)	13	3	2013	2015	\$3,052	\$898	\$3,878	\$2,310
MOUNTAIN HOME AIR FORCE BASE / ID057212455700 / (1) / (3)	38	0	2011	-	\$19,727	\$0	\$351	\$0
FORMERLY USED DEFENSE SITES								
BRUNEAU PRECISION BOMBING RANGE #2 / ID09799F304500	0	1	-	2040	\$0	\$223	\$0	\$3,987
MOUNTAIN HOME AF RGE #3 / ID09799F304600	0	1	-	2040	\$0	\$204	\$0	\$3,754
MOUNTAIN HOME AF RGE #5 / ID09799F304800	0	1	-	2042	\$0	\$136	\$0	\$4,524
MOUNTAIN HOME AF RGE NO1 / ID09799F304400	0	1	-	2041	\$0	\$202	\$0	\$4,173
POCATELLO BOMBING RANGE #2 / ID09799F302700	0	1	-	2040	\$0	\$187	\$0	\$3,803
POCATELLO BOMBING RANGE #4 / ID09799F302800	0	1	-	2042	\$0	\$126	\$0	\$4,163
POCATELLO GROUND GUNNERY / ID09799F302600	0	1	-	2041	\$0	\$202	\$0	\$2,481
POCATELLO MOV TARGET RANG / ID09799F302400	0	1	-	2045	\$0	\$70	\$0	\$1,459
PRECISION BOMBING RGE NO2 / ID09799F301800	0	1	-	2046	\$0	\$199	\$0	\$4,525
SWAN FALLS BOMBING RANGE / ID09799F303900	0	1	-	2047	\$0	\$224	\$0	\$9,456

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Illinois								
ARMY								
CHARLES MELVIN PRICE SUPPORT CENTER / IL521382037600	28	3	2041	2008	\$967	\$858	\$1,396	\$0
AIR FORCE								
CAPITAL MUNICIPAL AIRPORT (SPRINGFIELD) / IL557282588200	5	0	2010	-	\$3,598	\$0	\$903	\$0
GREATER PEORIA AIRPORT / IL557282590700	8	0	2014	-	\$3,972	\$0	\$1,926	\$0
FORMERLY USED DEFENSE SITES								
CAMP ELLIS MILITARY RESERVATION / IL59799F217300	2	1	2011	2022	\$2,416	\$4,771	\$15	\$2,737
CAMP GRANT RIFLE RANGE / IL59799F217400	1	1	2012	2006	\$3,646	\$2,398	\$1,874	\$381
CAMP MCDOWELL RADAR SCHOOL / IL59799F804900	2	0	2010	-	\$859	\$0	\$205	\$0
CARM AIR FORCE STATION / IL59799F218900	2	0	2011	-	\$526	\$1	\$0	\$0
GEORGE FIELD ARMY AIR STATION / IL59799F223300	4	1	2017	1995	\$3,467	\$2	\$1,117	\$0
GREEN RIVER ORDNANCE PLANT / IL59799F221400	2	1	2003	2028	\$1,436	\$183	\$0	\$7,338
HANNA CITY AIR FORCE STATION / IL59799F219000	2	0	2013	-	\$1,717	\$0	\$712	\$0
NAVAL ORD STATION, FOREST PARK / IL59799F222100	2	1	2016	1996	\$1,492	\$1	\$2,173	\$0
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT / IL59799F767100	1	0	2016	-	\$1,173	\$0	\$5,790	\$0
NIKE C-41 - JACKSON PARK / IL59799F812300	2	0	2012	-	\$1,797	\$0	\$293	\$0
NIKE C-44 - WOLF LAKE / IL59799F222400	2	0	2017	-	\$3,475	\$0	\$1,291	\$0
NIKE C-70 - NAPERVILLE / IL59799F218000	2	0	2011	-	\$6,641	\$0	\$0	\$0
NIKE C-72 - ADDISON / IL59799F220200	3	0	2011	-	\$1,335	\$0	\$63	\$0
NIKE C-92/94 - LIBERTYVILLE / IL59799F220500	1	0	2014	-	\$674	\$0	\$64	\$0

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Illinois								
NIKE C-93 - SKOKIE LAGOONS / IL59799F220600	1	0	2010	-	\$148	\$0	\$343	\$0
NIKE SL-10 - MARINE / IL59799F220800	3	0	2014	-	\$3,394	\$0	\$2,100	\$0
NIKE SL-40 - HECKER / IL59799F220900	2	0	2019	-	\$1,054	\$0	\$820	\$0
NIKE SL-90 - GRAFTON / IL59799F222300	2	0	2019	-	\$1,370	\$0	\$128	\$0
TEST CELLS SITE (WILLOW SPRGS) / IL59799F219200	4	0	2014	-	\$2,919	\$0	\$316	\$0
VICTORY ORDNANCE PLANT, DECATUR / IL59799F218800	2	0	2012	-	\$994	\$0	\$1,973	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Indiana								
ARMY								
CRANE ARMY AMMUNITION ACTIVITY / IN521522349800	1	0	2012	-	\$0	\$0	\$573	\$0
INDIANA ARMY AMMUNITION PLANT / IN521382044300	90	1	2011	2006	\$27,017	\$507	\$1,359	\$0
JEFFERSON PROVING GROUND / IN521382045400 / (3)	82	15	2035	2003	\$23,966	\$4,940	\$4,073	\$0
NEWPORT CHEMICAL DEPOT / IN521382227200 / (3)	17	2	2011	2017	\$21,149	\$225	\$2,453	\$6,823
NAVY								
INDIANAPOLIS NAWC / IN517002349900 / (1) / (3)	3	0	2029	-	\$1,778	\$0	\$714	\$0
FORMERLY USED DEFENSE SITES								
BAER AIRFIELD / IN59799F363100	4	0	2016	-	\$1,050	\$0	\$259	\$0
NIKE C-32 - INDIANA DUNES / IN59799F356600	2	0	2020	-	\$1,812	\$0	\$1,417	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Iowa								
AIR FORCE								
SIoux GATEWAY MUNICIPAL AIRPORT / IA757282425600	6	0	2007	-	\$5,959	\$0	\$42	\$0
FORMERLY USED DEFENSE SITES								
CAMP DODGE / IA79799F019900	0	2	-	2057	\$0	\$309	\$0	\$1,403
DES MOINES ORDANCE PLANT / IA79799F020300	1	1	2011	2056	\$609	\$188	\$22	\$1,707
FT DES MOINES TARGET RG / IA79799F020400	0	1	-	2041	\$0	\$130	\$0	\$2,653
SIoux CITY AAF MOV TGT R / IA79799F020800	0	1	-	2056	\$0	\$123	\$0	\$1,428
WAVERLY AFS (Z-81) / IA79799F022000	2	0	2012	-	\$635	\$0	\$894	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Kansas								
ARMY								
FORT LEAVENWORTH / KS721372049900 / (1) / (3)	72	3	2022	2013	\$34,745	\$1,910	\$2,838	\$3,160
FORT RILEY / KS721402075600 / (1) / (3)	75	4	2014	2012	\$74,931	\$327	\$5,352	\$2,401
AIR FORCE								
MCCONNELL AIR FORCE BASE TITAN SITES / KS757212414001	6	0	2015	-	\$2,098	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
COFFEYVILLE AAF / KS79799F025500	1	2	1996	2043	\$18	\$261	\$0	\$1,383
DODGE CITY AAF / KS79799F025900	1	1	2033	2044	\$198	\$108	\$6,344	\$2,374
FORBES AFB / KS79799F026300	3	1	2022	2024	\$6,352	\$124	\$3,221	\$2,409
FORBES AFB ATLAS FAC S-5 / KS79799F026900	1	0	2024	-	\$33	\$0	\$5,841	\$0
FORBES AFB ATLAS FAC S-9 / KS79799F027200	2	0	2028	-	\$6,921	\$0	\$1,828	\$0
FORBES AFB ATLAS S-2 / KS79799F026500	2	0	2019	-	\$17	\$0	\$1,882	\$0
FORBES AFB FAC S-4 / KS79799F026700	2	0	2017	-	\$1,270	\$0	\$1,227	\$0
FORBES AFB-AF FAC S-1 / KS79799F026400	2	0	2029	-	\$288	\$0	\$5,763	\$0
FORBES AFB-AF FAC S-8 / KS79799F027100	2	0	2024	-	\$264	\$0	\$5,825	\$0
FORBES SUR TRG AX / KS79799F033600	0	1	-	2046	\$0	\$127	\$0	\$381
GREAT BEND PBR #1 / KS79799F028000	0	1	-	2023	\$0	\$99	\$0	\$2,110
GREAT BEND PBR #2 / KS79799F028100	0	1	-	2023	\$0	\$101	\$0	\$2,273
GREAT BEND PBR #3 / KS79799F028200	0	1	-	2023	\$0	\$112	\$0	\$2,271
HAYS-WALKER PBR #1 / KS79799F032700	0	1	-	2042	\$0	\$139	\$0	\$3,886

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Kansas

HAYS-WALKER PBR #2 / KS79799F032800	0	1	-	2045	\$0	\$138	\$0	\$3,991
HAYS-WALKER PBR #3 / KS79799F032900	0	1	-	2043	\$0	\$143	\$0	\$4,017
HERINGTON AAF / KS79799F028300	3	1	2013	2027	\$3,508	\$88	\$1,001	\$543
HERINGTON RIFLE RANGE / KS79799F028400	1	1	1994	2049	\$89	\$90	\$0	\$1,529
HUTCHINSON NAS / KS79799F034100	2	1	2013	2047	\$30	\$15	\$140	\$1,384
INDEPENDENCE AAF / KS79799F028500	2	2	2013	2041	\$924	\$256	\$169	\$1,384
LIBERAL AAF / KS79799F028900	1	1	2025	2044	\$497	\$134	\$5,652	\$2,374
OLATHE NAVAL AIR STATION / KS79799F023600	2	1	2017	2007	\$6,135	\$120	\$3,875	\$0
OSAGE PBR #3 / KS79799F029100	0	1	-	2039	\$0	\$158	\$0	\$3,824
POTTAWATOMIE PBR #1 / KS79799F029200	0	1	-	2038	\$0	\$157	\$0	\$3,705
PRATT AAF / KS79799F029300	2	2	2013	2048	\$383	\$279	\$356	\$2,513
PRATT GROUND GNRY RNG / KS79799F029400	0	1	-	2046	\$0	\$131	\$0	\$1,392
PRATT PBR #1 / KS79799F029500	0	1	-	2045	\$0	\$129	\$0	\$3,980
PRATT PBR #2 / KS79799F029600	0	1	-	2038	\$0	\$140	\$0	\$4,027
PRATT PBR #3 / KS79799F029700	0	1	-	2043	\$0	\$126	\$0	\$4,025
PRATT RIFLE RANGE / KS79799F029900	0	1	-	2048	\$0	\$125	\$0	\$1,392
SCHILLING AFB-FAC S-4 / KS79799F030600	2	0	2027	-	\$780	\$0	\$8,197	\$0
SCHILLING AFB-FAC S-6 / KS79799F030800	1	0	2041	-	\$13	\$0	\$8,821	\$0
STROTHER FIELD / KS79799F031800	1	1	2000	2046	\$85	\$124	\$0	\$1,424

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Kansas

TOPEKA AAF RIFLE RANGE / KS79799F032300	0	1	-	2048	\$0	\$14	\$0	\$1,383
WABAUNSEE PBR #2 / KS79799F032500	0	1	-	2043	\$0	\$129	\$0	\$5,706
WALKER AIR-GRND GNRY R / KS79799F032600	0	1	-	2010	\$0	\$120	\$0	\$8
WALKER ARMY AIR FIELD / KS79799F032400	2	2	2013	2049	\$1,102	\$1,103	\$312	\$1,528

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Kentucky								
ARMY								
BLUE GRASS ARMY DEPOT / KY421382010500 / (1) / (3)	54	4	2004	2015	\$19,990	\$177	\$3,578	\$1,628
FORT CAMPBELL / KY421402014000	67	7	2037	2015	\$50,569	\$489	\$2,700	\$7,239
FORT KNOX / KY421372047900 / (3)	72	3	2013	2009	\$23,141	\$680	\$5,411	\$0
NAVY								
LOUISVILLE NSWC / KY417002417500 / (1) / (3)	9	0	2017	-	\$19,733	\$0	\$3,453	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Louisiana								
ARMY								
LOUISIANA ARMY AMMUNITION PLANT / LA621382053300 / (1) / (3)	10	3	2006	2010	\$59,394	\$1,013	\$113	\$52
NAVY								
NEW ORLEANS NAS / LA617002278800	15	1	2011	2010	\$2,020	\$1,581	\$21	\$17
AIR FORCE								
CAMP BEAUREGARD / LA69799F013300	1	0	-	-	\$0	\$0	\$0	\$0
ENGLAND ANG / LA657002445200 / (1) / (3)	46	8	2055	2010	\$35,989	\$342	\$3,875	\$0
HAMMOND COMM STATION / LA657282745500	6	0	2001	-	\$172	\$0	\$0	\$0
NEW ORLEANS NAS ANG / LA617002278800	3	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
DERIDDER ARMY AIR FIELD / LA69799F015700	1	1	2003	2031	\$785	\$0	\$0	\$2,538
FORT JACKSON / LA69799F693300	0	1	-	2012	\$0	\$0	\$0	\$178
HARDING AAF / LA69799F018100	0	1	-	2088	\$0	\$180	\$0	\$3,324
KISATCHIE BOMB TARGETS / LA69799F019500	0	1	-	2118	\$0	\$175	\$0	\$5,064
LAFAYETTE NG TARGET RANGE / LA69799F018200	0	1	-	2092	\$0	\$0	\$0	\$1,546
MINDEN BOMB TARGETS / LA69799F943400	0	1	-	2095	\$0	\$174	\$0	\$5,460

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Maine								
AIR FORCE								
BANGOR INTERNATIONAL AIRPORT / ME157282453400	5	0	1997	-	\$1,155	\$0	\$0	\$0
SOUTH PORTLAND AIR NATIONAL GUARD STATION / ME157282727700	7	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
AF GAT / ME19799FA23500	1	0	2013	-	\$2,451	\$0	\$3,246	\$0
AF RADAR TRACKING STATION / ME19799F207500	2	0	2013	-	\$9,058	\$0	\$6,471	\$0
CASWELL AFS Z-80 / ME19799F201400	3	0	2018	-	\$242	\$0	\$1,740	\$0
DIVE BOMBING TAR / ME19799F206900	0	1	-	2055	\$0	\$181	\$0	\$1,770
DOW MIL AF / ME19799F199100	6	0	2016	-	\$3,444	\$0	\$5,451	\$0
FORT BAL FIRE CON STA / ME19799F201800	1	1	1995	2015	\$30	\$166	\$0	\$0
FORT EDGECOMB / ME19799F882000	1	1	2016	1997	\$0	\$0	\$7	\$0
FORT GORGES / ME19799F810100	1	1	2018	1995	\$0	\$0	\$89	\$0
FORT KNOX / ME19799F809800	1	1	2016	1999	\$0	\$0	\$72	\$0
FORT LEVETT / ME19799F202000	1	1	1997	2018	\$152	\$143	\$0	\$0
FORT LYON / ME19799F810500	1	1	2010	1995	\$92	\$0	\$186	\$0
L.C-BEAGUE ISL REC / ME19799F730800	1	0	2010	-	\$122	\$0	\$169	\$0
LONG ISL / ME19799F760600	1	0	2018	-	\$17	\$0	\$266	\$0
LOR AFB LAU AX / ME19799F203200	2	0	2018	-	\$325	\$0	\$216	\$0
LORING AFB COMMO AX #2 / ME19799F202800	2	0	2016	-	\$489	\$0	\$347	\$0
MACH GATR / ME19799F850900	3	0	2017	-	\$22	\$0	\$1,334	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Maine								
MAINE BOMBING AREA / ME19799F206800	0	1	-	2053	\$0	\$289	\$0	\$6,721
MON ISL TR COOU RGE / ME19799F203800	1	0	2016	-	\$0	\$0	\$9	\$0
NAS ROCKLAND / ME19799F206200	0	1	-	2049	\$0	\$113	\$0	\$1,559
NAVAL FUEL DEPOT / ME19799F206600	1	0	2016	-	\$0	\$0	\$2	\$0
NAVAL ORDNANCE FAC / ME19799F206700	0	1	-	2039	\$0	\$157	\$0	\$2,731
NCTC QUODDY VILLAGE / ME19799F732500	1	1	2010	1999	\$130	\$0	\$124	\$0
NIKE 58 / ME19799F200200	2	0	2016	-	\$1,139	\$0	\$1,065	\$0
NIKE LO-13 / ME19799F199400	2	0	2011	-	\$959	\$0	\$173	\$0
PRESQUE ISLE AFB / ME19799F200000	2	1	1995	2053	\$168	\$197	\$0	\$873
SEAL ISL GUNNERY RGE / ME19799F199600	0	2	-	2023	\$0	\$204	\$0	\$3,120
US NAVAL AUX AIR FAC / ME19799F731000	1	1	2018	2051	\$12	\$110	\$2,093	\$1,567
US NAVAL AUX AIR FAC / ME19799F730900	1	1	2011	2051	\$12	\$157	\$93	\$1,499

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Maryland								
ARMY								
PHOENIX MILITARY RESERVATION / MD321022440200	4	0	2015	-	\$3,665	\$0	\$2,108	\$0
NAVY								
ANNAPOLIS NS / MD317009002200	2	1	2014	2019	\$7,961	\$176	\$7,340	\$1,030
ANNAPOLIS US NAVAL ACADEMY / MD317002260200	8	1	2012	2012	\$4,838	\$176	\$163	\$0
BAINBRIDGE NTC / MD317002256200 / (1) / (3)	5	0	2010	-	\$24,639	\$0	\$426	\$0
BALTIMORE NRC / MD317002252600	1	0	2011	-	\$126	\$0	\$0	\$0
BETHESDA NAVMEDCOM NATCAPREG / MD317002468700	9	0	2012	-	\$3,606	\$0	\$866	\$0
CHELTENHAM NCTC / MD317002443700	4	0	2011	-	\$1,040	\$0	\$0	\$0
CHESAPEAKE BAY DET NRL / MD317002754600	8	3	1984	2012	\$1,181	\$756	\$0	\$90
POMONKEY TEST RANGE NRL / MD317002754700	1	0	2011	-	\$52	\$0	\$0	\$0
SOLOMONS ANNEX NAVRECCEN / MD317002753100	1	5	2004	2010	\$325	\$3,161	\$0	\$0
ST INIGOES NISE EAST COAST DET / MD317002472000	2	0	2011	-	\$2,432	\$0	\$0	\$0
WALDORF NRL / MD317002756500	1	0	2011	-	\$1,582	\$0	\$0	\$0
WHITE OAK NSWC / MD317002344400 / (1) / (3)	38	0	2021	-	\$39,229	\$0	\$1,772	\$0
AIR FORCE								
MARTIN STATE AIRPORT / MD357282590100	15	2	2008	2016	\$3,689	\$344	\$0	\$4,106
FORMERLY USED DEFENSE SITES								
AAA SITE CEN BUREAU / MD39799F139400	0	1	-	2011	\$0	\$0	\$0	\$188
BALTIMORE AAF, LOGAN CANTONMENT AREA / MD39799F926100	0	1	-	2022	\$0	\$0	\$0	\$2,380
FORT HOWARD / MD39799F140600	2	1	1999	2024	\$281	\$191	\$0	\$5,745

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Maryland								
FORT WASHINGTON (MARYLAND) / MD39799F141300	1	1	2007	2035	\$285	\$220	\$0	\$6,823
NATIONAL DEFENSE STORAGE DEPOT (CURTIS BAY) / MD39799F137300	2	1	2001	2035	\$79	\$227	\$0	\$2,928
NIKE BA-03 (PHOENIX) / MD39799F136800	2	0	2016	-	\$780	\$0	\$5,618	\$0
NIKE BA-30/31 (TOLCHESTER) / MD39799F137700	3	0	2013	-	\$2,685	\$0	\$208	\$0
NIKE W-35 (CROOM) / MD39799F137900	2	0	2012	-	\$1,179	\$0	\$971	\$0
NIKE W-44 (WALDORF) / MD39799F138100	2	0	2012	-	\$1,979	\$0	\$404	\$0
NIKE W-93 (OLNEY LAUNCH AREA) / MD39799F138700	2	0	2016	-	\$269	\$0	\$380	\$0
TRIUMPH EXPLOSIVES, INC. / MD39799F144200	1	1	2004	2020	\$399	\$0	\$0	\$258

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Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Massachusetts								
ARMY								
ARTHUR MACARTHUR USARC / MA121042588500	1	0	2012	-	\$0	\$0	\$775	\$0
MTA CAMP EDWARDS / MA121182517500	0	7	-	2010	\$0	\$290	\$0	\$6
AIR FORCE								
BARNES MUNICIPAL AIRPORT / MA157282590200	9	2	2010	2016	\$7,952	\$1,417	\$110	\$3,920
WESTOVER AIR FORCE RESERVE CENTER / MA157122402600 / (1) / (3)	25	0	2012	-	\$19,122	\$0	\$8,101	\$0
FORMERLY USED DEFENSE SITES								
AA BATTERY / MA19799F805500	0	1	-	2051	\$0	\$0	\$0	\$2,029
AMTB SITE / MA19799F873800	0	1	-	2010	\$0	\$154	\$0	\$20
BARNEYS JOY BATTERY / MA19799F809100	0	1	-	2018	\$0	\$160	\$0	\$0
BOMB AREA WEEPECKET IS / MA19799F906100	0	1	-	2049	\$0	\$158	\$0	\$1,454
CAMP EDWARDS / MA19799F177300	5	3	2003	2013	\$2,931	\$3,005	\$0	\$690
CAPE POGE LITTLE NECK BOMB TARGET SITE / MA19799FA28900	0	1	-	2014	\$0	\$421	\$0	\$2,133
CP MILES STANDISH / MA19799F181800	1	1	2016	2008	\$0	\$196	\$10	\$0
FALL RIVER NAVRESCEN / MA19799F183300	1	0	2011	-	\$13	\$0	\$510	\$0
FORT AT EASTERN POINT / MA19799F905600	0	1	-	2011	\$0	\$0	\$0	\$188
FORT RODMAN / MA19799F809700	2	1	2018	2018	\$109	\$176	\$112	\$0
FORT RUCKMAN / MA19799F184700	2	1	1996	2054	\$157	\$209	\$0	\$1,767
FORT STANDISH / MA19799F184900	2	1	1994	2042	\$356	\$245	\$0	\$1,748
FT DEVENS / MA19799F936300	0	1	-	2049	\$0	\$184	\$0	\$7,901

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Massachusetts								
GREAT NECK / MA19799F195200	0	1	-	2055	\$0	\$200	\$0	\$3,099
GULL ISLAND BOMB AREA / MA19799F906300	0	1	-	2048	\$0	\$177	\$0	\$1,434
HUMMOCK POND / MA19799F195600	0	1	-	2055	\$0	\$165	\$0	\$4,569
LOWELL ORD PLT / MA19799F177800	1	1	2011	2008	\$672	\$156	\$18	\$0
MARTHA-S VINEYARD ARPT / MA19799F197600	2	1	2008	2052	\$66	\$160	\$0	\$3,159
MOVING TAR MACH GUN RG / MA19799F197400	0	1	-	2014	\$0	\$1,894	\$0	\$2,405
NAHANT NIKE 17 / MA19799F178700	1	1	1995	2039	\$94	\$217	\$0	\$577
NANTUCKET MEM ARPT / MA19799F198700	0	1	-	2045	\$0	\$170	\$0	\$3,956
NAS SQUANTUM / MA19799F196100	0	1	-	2047	\$0	\$145	\$0	\$1,762
NAVAL AMMO DEPOT / MA19799F177900	4	1	2001	2038	\$1,671	\$216	\$0	\$4,473
SANDY NECK / MA19799F195300	0	1	-	2038	\$0	\$167	\$0	\$3,279
SHEEP POND / MA19799F195700	0	1	-	2043	\$0	\$213	\$0	\$8,328
TISBURY GREAT POND / MA19799F195500	0	1	-	2044	\$0	\$219	\$0	\$3,447
WATERTOWN ARSENAL / MA19799F177700	3	1	2012	1994	\$4,636	\$0	\$1,133	\$0
WESTOVER AFB / MA19799F177100	9	0	2011	-	\$7,913	\$0	\$787	\$0

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	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Michigan								
ARMY								
CAMP GRAYLING ARMY AIRFIELD / MI521182651500	9	2	2013	2009	\$140	\$150	\$38	\$0
US ARMY GARRISON - MICHIGAN / MI521382683200	5	8	2011	2007	\$17	\$88	\$0	\$0
AIR FORCE								
ALPENA COUNTY REGIONAL AIRPORT / MI557282890300	17	2	2012	2018	\$6,363	\$0	\$1,377	\$0
FORMERLY USED DEFENSE SITES								
ASH FIELD OLF / MI59799FA21200	1	1	2008	2011	\$0	\$0	\$0	\$0
CAMP CLAYBANK AAA FIRING RANGE / MI59799F729300	3	1	2019	2024	\$413	\$133	\$518	\$7,187
CAMP LUCAS / FT BRADY TARGET RANGE / MI59799F225100	0	1	-	2031	\$0	\$140	\$0	\$6,484
CAMP LUCAS MAINTENANCE FACILITY / MI59799F229000	2	1	2011	2001	\$1,563	\$6	\$92	\$0
CAMP LUCAS/FT BRADY / MI59799F744500	0	1	-	2032	\$0	\$97	\$0	\$2,798
CAMP NORRIE / MI59799F864700	1	0	2017	-	\$239	\$0	\$1,033	\$0
CUSTER FIELD OLF / MI59799FA21600	0	1	-	2031	\$0	\$88	\$0	\$3,387
GRAND RAPIDS NGTR / MI59799F228200	1	1	2014	2002	\$719	\$19	\$36	\$0
GROSSE ILE NAS - NIKE D-51 / MI59799F227500	2	1	2019	2007	\$5,510	\$1	\$1,821	\$0
HAT ISLAND TARGET / MI59799FA21000	0	1	-	2011	\$0	\$0	\$0	\$0
KELLOGG REGIONAL AF / MI59799F231600	1	0	2019	-	\$66	\$0	\$39	\$0
MUSKEGON ORD PLANT / MI59799F230500	1	0	2011	-	\$7,523	\$0	\$396	\$0
NIKE D-06 - UTICA / MI59799F227300	2	0	2011	-	\$729	\$0	\$22	\$0
NIKE D-54/55 - RIVERVIEW / MI59799F226700	2	0	2010	-	\$583	\$0	\$3,041	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Michigan								
NIKE D-57/58 - NEWPORT / MI59799F226800	2	0	2019	-	\$1,488	\$0	\$119	\$0
SAULT STE MARIE AFS / MI59799F232000	3	0	2010	-	\$3,944	\$0	\$392	\$0
USCG AIR STATION/CHERRY CAPITAL AIRPORT / MI59799F224900	0	1	-	2031	\$0	\$145	\$0	\$3,687
WILLOW RUN AIRPORT / MI59799F231800	4	0	2018	-	\$1,495	\$0	\$853	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Minnesota								
ARMY								
FORT SNELLING USARC/AMSA / MN521042085300	36	4	2012	2009	\$0	\$199	\$247	\$0
NAVY								
FRIDLEY NIROP / MNS17002291400 / (1) / (3)	5	0	2020	-	\$38,061	\$0	\$8,968	\$0
ST PAUL NIROP / MNS17002448500	2	0	2011	-	\$0	\$0	\$0	\$0
AIR FORCE								
DULUTH MUNICIPAL AIRPORT / MN557212428400	12	0	2010	-	\$6,302	\$0	\$0	\$0
MINNEAPOLIS-ST. PAUL MAP/IAP / MN557282427500	7	1	1997	2004	\$10	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
DULUTH INTERNATIONAL AIRPORT / MN59799F237400	2	0	2019	-	\$3,975	\$0	\$6,742	\$0
GOPHER ORD PLT ROSEMOUNT / MN59799F236700	1	0	2011	-	\$725	\$0	\$36	\$0
NIKE SITE MSP #70 / MN59799F238700	2	0	2013	-	\$366	\$0	\$186	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Mississippi								
ARMY								
MISSISSIPPI ARMY AMMUNITION PLANT / MS421382296600	45	2	1990	2011	\$0	\$0	\$0	\$1,331
NAVY								
GULFPORT NCBC / MS417002262600 / (3)	10	0	2041	-	\$25,853	\$0	\$9,653	\$0
MERIDIAN NAS / MS417002436800 / (3)	8	0	2030	-	\$9,304	\$0	\$3,464	\$0
AIR FORCE								
COLUMBUS AIR FORCE BASE / MS457152406000 / (3)	33	1	2012	2003	\$24,945	\$0	\$5,986	\$0
GULFPORT BILOXI REGIONAL AIRPORT / MS457282593300	3	2	2010	2018	\$6,823	\$0	\$586	\$0
KEESLER AIR FORCE BASE / MS457152416400 / (3)	24	0	2018	-	\$36,287	\$0	\$3,223	\$0
KEY FIELD (MERIDIAN) / MS457282590400	10	0	2013	-	\$6,326	\$0	\$1,237	\$0
FORMERLY USED DEFENSE SITES								
CAMP SHELBY MANUVER AREA / MS49799F012000	0	1	-	2034	\$0	\$48	\$0	\$486
COLUMBUS PRC BOMB RGE #1 / MS49799F005500	0	1	-	2065	\$0	\$0	\$0	\$4,992
COLUMBUS PRE BOMB RGE #3 / MS49799F005600	0	1	-	2066	\$0	\$0	\$0	\$4,992
COLUMBUS PRE BOMB RGE #4 / MS49799F005700	0	1	-	2065	\$0	\$0	\$0	\$4,991
GREENVILLE AFB / MS49799F006600	1	1	2014	2071	\$2,035	\$0	\$1,491	\$6,377
GREENWOOD ARMY AF / MS49799F005400	0	1	-	2064	\$0	\$0	\$0	\$7,097
GRENADA AAF RIFLE RGE / MS49799F003100	0	1	-	2066	\$0	\$0	\$0	\$1,586
GULFPORT ARMY AIR FIELD / MS49799F003800	1	1	2006	2065	\$730	\$0	\$0	\$3,531
KEESLER SMALL ARMS RGE / MS49799F010700	0	1	-	2064	\$0	\$141	\$0	\$1,399
SMITH CO BOMB & GUN RGE / MS49799F006300	0	1	-	2066	\$0	\$164	\$0	\$5,037

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Mississippi								
VICKSBURG RIFLE RANGE / MS49799F813700	0	1	-	2072	\$0	\$0	\$0	\$1,585
YAZOO BOMBING RANGE / MS49799F012500	0	1	-	2023	\$0	\$220	\$0	\$4,939

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Missouri								
ARMY								
CAMP CROWDER / MO721182921000 / (3)	4	0	2012	-	\$7,166	\$0	\$12	\$0
ST LOUIS ORDNANCE PLANT / MO721042246500 / (3)	17	0	2011	-	\$2,366	\$0	\$7,735	\$0
WELDON SPRING TRAINING AREA / MO721372998500 / (3)	2	0	2099	-	\$897	\$0	\$3,455	\$0
NAVY								
KANSAS CITY MCSA / MO717006738600	1	0	2029	-	\$109	\$0	\$822	\$0
AIR FORCE								
RICHARDS-GEBAUR AFB / MO757002429200 / (1) / (3)	12	0	2038	-	\$11,917	\$0	\$1,976	\$0
ROSECRANS MEMORIAL AIRPORT / MO757282588000	5	0	2010	-	\$3,875	\$0	\$193	\$0
WHITEMAN AIR FORCE BASE / MO757212454900 / (1)	46	2	2010	2003	\$29,722	\$0	\$520	\$0
FORMERLY USED DEFENSE SITES								
FT CROWDER / MO79799F034700	3	1	2014	2006	\$1,248	\$1,097	\$670	\$137
JEFFERSON BARRACKS TAR RG / MO79799F035200	0	1	-	2023	\$0	\$162	\$0	\$4,170
KIRKSVILLE AFS P-64 / MO79799F039000	4	0	2042	-	\$3,508	\$0	\$4,754	\$0
MALDEN AIR BASE / MO79799F034600	1	1	1995	2047	\$146	\$119	\$0	\$1,586
ROSECRANS ARMY AIR FIELD & NATIONAL GUARD / MO79799F036200	2	1	2000	2047	\$466	\$120	\$0	\$1,585
SEDALIA AAF RIFLE RANGE / MO79799F040000	0	1	-	2049	\$0	\$337	\$0	\$1,491
VICHY AAF / MO79799F040200	1	1	1995	2048	\$220	\$128	\$0	\$1,540
WHITEMAN COMMUNICATIONS TRANSMITTER SITE / MO79799F679600	2	0	2010	-	\$1,284	\$0	\$553	\$0

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Montana								
ARMY								
FORT MISSOULA ARNG / MT821183058500	0	6	-	2015	\$0	\$216	\$0	\$6,029
FORT WILLIAM HENRY HARRISON / MT821183008000	11	3	1996	2014	\$0	\$154	\$0	\$2,522
AIR FORCE								
GREAT FALLS INTERNATIONAL AIRPORT / MT857282592300	8	0	2012	-	\$6,164	\$0	\$2,178	\$0
MALMSTROM AIR FORCE BASE / MT857182455600	50	2	2032	2003	\$14,331	\$0	\$2,637	\$0
FORMERLY USED DEFENSE SITES								
FORT PECK AER GUN RGE / MT89799F062100	0	1	-	2011	\$0	\$85	\$0	\$150
GLASGOW PATTERN BOMB RGE / MT89799F062800	0	1	-	2056	\$0	\$103	\$0	\$2,278
GLASGOW PATTERN GUN RGE / MT89799F062900	0	1	-	2011	\$0	\$85	\$0	\$150
GREAT FALLS PATTERN BOMB RGE / MT89799F063500	0	1	-	2056	\$0	\$112	\$0	\$2,278
GREAT FALLS PATTERN GUN RGE / MT89799F063600	0	1	-	2011	\$0	\$85	\$0	\$150
LEWISTOWN ARMY AIR FIELD / MT89799F064000	1	1	1996	2057	\$50	\$91	\$0	\$3,920
LEWISTOWN PATTERN BOMB RGE / MT89799F064100	0	1	-	2057	\$0	\$110	\$0	\$2,497
LEWISTOWN PATTERN GUN RGE / MT89799F064200	0	1	-	2011	\$0	\$85	\$0	\$150

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Nebraska								
NAVY								
LINCOLN NRC / NE717002302600	2	0	2011	-	\$195	\$0	\$0	\$0
AIR FORCE								
LINCOLN MUNICIPAL AIRPORT / NE757282418700	13	0	2011	-	\$3,550	\$0	\$506	\$0
FORMERLY USED DEFENSE SITES								
AINSWORTH AAF / NE79799F041500	1	0	2014	-	\$135	\$0	\$938	\$0
BRUNING ARMY AIR FIELD / NE79799F042000	1	0	2018	-	\$115	\$0	\$809	\$0
BRUNING TARGET RANGE / NE79799F042100	0	1	-	2056	\$0	\$102	\$0	\$4,323
CASPER PREC BMG RNG #5 / NE79799F042200	0	1	-	2056	\$0	\$88	\$0	\$2,218
FAIRMONT PREC BMG RNG #2 / NE79799F042400	0	1	-	2056	\$0	\$109	\$0	\$2,334
FE WARREN AFB FAC SITE 8 / NE79799F041400	1	0	2022	-	\$2,071	\$0	\$8,514	\$0
GRAND ISLAND PREC BMG RG #1 / NE79799F042800	0	1	-	2057	\$0	\$99	\$0	\$2,218
GRAND ISLAND PREC BMG RG #4 / NE79799F042900	0	1	-	2057	\$0	\$96	\$0	\$2,262
HARVARD AAF / NE79799F043200	1	1	1996	2041	\$55	\$91	\$0	\$1,629
HARVARD PREC BMG RNG #2 / NE79799F043300	0	1	-	2057	\$0	\$93	\$0	\$2,262
HARVARD PREC BMG RNG #3 / NE79799F043400	0	1	-	2057	\$0	\$94	\$0	\$2,262
KEARNEY RIFLE RANGE / NE79799F043900	1	1	2006	2042	\$323	\$90	\$0	\$1,629
LINCOLN AFB AF FAC S-1 / NE79799F047800	2	0	2021	-	\$6,732	\$0	\$3,941	\$0
LINCOLN AFB AF FAC S-10 / NE79799F047300	1	0	2021	-	\$7,281	\$0	\$3,766	\$0
LINCOLN AFB AF FAC S-3 / NE79799F048000	1	0	2010	-	\$812	\$0	\$181	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Nebraska								
LINCOLN AFB AF FAC S-4 / NE79799F046900	2	0	2019	-	\$514	\$0	\$5,142	\$0
LINCOLN AFB AF FAC S-6 / NE79799F047000	1	0	2018	-	\$260	\$0	\$2,855	\$0
LINCOLN AFB AF FAC S-7 / NE79799F047100	1	0	2015	-	\$1,148	\$0	\$2,578	\$0
LINCOLN AFB AF FAC S-8 / NE79799F041300	2	0	2016	-	\$855	\$0	\$8,743	\$0
LINCOLN AFB NIKE BATTERY LI-01 / NE79799F045500	2	0	2016	-	\$357	\$0	\$2,277	\$0
LINCOLN AIR FORCE BASE / NE79799F045200	3	1	2017	2001	\$2,259	\$0	\$3,010	\$0
LINCOLN AMMO STOR ANX / NE79799F046500	3	1	2008	2036	\$523	\$90	\$0	\$2,772
MCCOOK PRE BOMB RGE NO 1 / NE79799F044100	0	1	-	2040	\$0	\$117	\$0	\$3,995
MCCOOK PRE BOMB RGE NO 2 / NE79799F044200	0	1	-	2040	\$0	\$119	\$0	\$4,235
OFFUTT AFB AF FAC S-2 / NE79799F045900	2	0	2016	-	\$8,674	\$0	\$4,472	\$0
OMAHA AF STA Z-71 / NE79799F050800	2	0	2013	-	\$299	\$0	\$866	\$0
PLATTSMOUTH RIFLE RANGE / NE79799F044400	0	1	-	2040	\$0	\$92	\$0	\$1,630
SCOTTSBLUFF AAF / NE79799F044500	0	1	-	2037	\$16	\$91	\$0	\$1,958
SCOTTSBLUFF HIGH ALT BMG RNG / NE79799F044600	0	1	-	2038	\$0	\$116	\$0	\$4,185
SCOTTSBLUFF MOV TARGET RNG / NE79799F044700	0	1	-	2031	\$0	\$89	\$0	\$1,625
STANTON LOW ALT BMG RNG / NE79799F044900	0	1	-	2038	\$0	\$118	\$0	\$4,047

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Nevada								
AIR FORCE								
NELLIS AIR FORCE BASE / NV957212411000	54	13	2011	2014	\$59,804	\$1,444	\$497	\$4,119
RENO TAHOE INTERNATIONAL AIRPORT / NV957282589800	14	0	2010	-	\$6,817	\$0	\$666	\$0
FORMERLY USED DEFENSE SITES								
FORT MCDERMITT / NV99799F986000	1	0	2010	-	\$0	\$0	\$144	\$0
LAKE MEAD BASE / NV99799F601400	0	1	-	2117	\$0	\$180	\$0	\$6,954
LATHROP WELLS GAP FILLER ANNEX / NV99799F577500	1	0	2010	-	\$391	\$0	\$0	\$0
NELLIS AIR FORCE RANGE, AREA A / NV99799F910600	0	1	-	2010	\$0	\$226	\$0	\$0
NELLIS AIR FORCE RANGE, AREA E / NV99799F911100	0	1	-	2010	\$0	\$157	\$0	\$49
STEAD AFB / NV99799F600700	3	1	2012	2000	\$6,758	\$19	\$455	\$0
TONAPAH AIR FORCE STATION / NV99799F604300	1	0	2010	-	\$125	\$0	\$10	\$0
UNIONVILLE GAP FILLER ANNEX / NV99799F588700	1	0	2012	-	\$344	\$0	\$28	\$0

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Hampshire								
ARMY								
COLD REGIONS RESEARCH LABORATORY / NH121082255600	18	0	2024	-	\$12,944	\$0	\$8,695	\$0
AIR FORCE								
PEASE AIR FORCE BASE / NH157282484700	2	0	2007	-	\$997	\$0	\$279	\$0
FORMERLY USED DEFENSE SITES								
GRENIER MIL AF / NH19799F208000	2	0	2011	-	\$385	\$0	\$16	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Jersey								
ARMY								
CAMP KILMER / NJ221402260600 / (1) / (3)	4	0	2016	-	\$3,954	\$0	\$1,582	\$0
FORT DIX / NJ221042027500 / (1) / (3)	45	7	2016	2018	\$19,129	\$401	\$3,840	\$4,642
SGT J.W. JOYCE KILMER USARC / NJ22104NJ00200	16	0	2010	-	\$19	\$0	\$59	\$0
USARC CAVEN POINT / NJ221042250100	15	0	2012	-	\$0	\$0	\$14	\$0
NAVY								
COLTS NECK NWS EARLE / NJ217002217200 / (1) / (3)	69	1	2037	2010	\$32,062	\$106	\$7,141	\$0
AIR FORCE								
ATLANTIC CITY AIRPORT / NJ257282844900	5	0	2017	-	\$2,120	\$0	\$2,092	\$0
FORMERLY USED DEFENSE SITES								
ATLANTIC CITY NAS / NJ29799F895900	1	3	2014	2023	\$1,853	\$877	\$2,145	\$2,815
BELLE MEAD GEN DEPOT / NJ29799F094000	1	0	2026	-	\$0	\$0	\$521	\$0
BURLINGTON AAP / NJ29799F093900	2	0	2019	-	\$369	\$0	\$1,330	\$0
CAPE MAY BAT SITE / NJ29799F097300	1	1	2018	1995	\$13	\$0	\$102	\$0
CAVEN PT AR TER / NJ29799F692500	1	0	2016	-	\$13	\$0	\$1,240	\$0
CP KILMER / NJ29799F097200	1	1	2011	1996	\$0	\$0	\$306	\$0
DEAL TEST SITE / NJ29799F097800	1	0	2016	-	\$95	\$0	\$1,146	\$0
DENIS CREEK / NJ29799F104000	0	1	-	2045	\$0	\$135	\$0	\$1,779
FORT MOTT / NJ29799F098300	1	0	2012	-	\$13	\$0	\$151	\$0
GREEN CREEK / NJ29799F104100	0	1	-	2044	\$0	\$142	\$0	\$3,615
ISLAND BEACH TEST SITE / NJ29799F903100	0	1	-	2010	\$0	\$118	\$0	\$24

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Jersey								
JEFFERS TARGET AREA / NJ29799F895800	0	1	-	2041	\$0	\$162	\$0	\$2,543
NAS CAPE MAY / NJ29799F104800	1	0	2029	-	\$58	\$0	\$4,674	\$0
NAV SHIPBLDG CORP / NJ29799F101600	1	0	2017	-	\$12	\$0	\$533	\$0
NAVAL BOMBING TARGET / NJ29799F958300	0	1	-	2036	\$0	\$149	\$0	\$3,598
NAVAL SHIP TARGET / NJ29799F958500	0	1	-	2053	\$0	\$223	\$0	\$8,155
NIKE BAT #23-25 / NJ29799F095500	1	0	2014	-	\$13	\$0	\$502	\$0
NIKE BAT NY 80 / NJ29799F094400	2	0	2019	-	\$13	\$0	\$365	\$0
NIKE NY 88 / NJ29799F095300	2	0	2026	-	\$13	\$0	\$396	\$0
NIKE NY 93/94 / NJ29799F095000	1	0	2028	-	\$0	\$0	\$0	\$0
NIKE NY-60 / NJ29799F094600	1	0	2017	-	\$13	\$0	\$160	\$0
NIKE NY-73 / NJ29799F095200	2	0	2028	-	\$353	\$0	\$347	\$0
NIKE PH 32 / NJ29799F095100	1	0	2016	-	\$0	\$0	\$56	\$0
NIKE PH 41/43 / NJ29799F094900	1	0	2017	-	\$0	\$0	\$121	\$0
NIKE PH 58 / NJ29799F094500	1	0	2027	-	\$0	\$0	\$0	\$0
PALERMO COMMU FAC / NJ29799F099300	2	0	2018	-	\$782	\$0	\$349	\$0
WELLSBACH PLT NOBS 258 / NJ29799F104700	1	0	2017	-	\$12	\$0	\$438	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Mexico								
AIR FORCE								
CANNON AIR FORCE BASE / NM657212445400 / (3)	62	0	2008	-	\$13,996	\$0	\$1,183	\$0
FORMERLY USED DEFENSE SITES								
CARLSBAD PBR #1 / NM69799F615100	0	1	-	2042	\$0	\$151	\$0	\$3,473
CARLSBAD PBR #10 / NM69799F616000	0	1	-	2042	\$0	\$135	\$0	\$3,381
CARLSBAD PBR #11 / NM69799F616100	0	1	-	2043	\$0	\$126	\$0	\$3,358
CARLSBAD PBR #12 / NM69799F616200	0	1	-	2103	\$0	\$140	\$0	\$3,358
CARLSBAD PBR #13 / NM69799F616300	0	1	-	2126	\$0	\$127	\$0	\$3,358
CARLSBAD PBR #14 / NM69799F616400	0	1	-	2108	\$0	\$132	\$0	\$3,358
CARLSBAD PBR #15 / NM69799F616500	0	1	-	2125	\$0	\$131	\$0	\$3,358
CARLSBAD PBR #16 / NM69799F616600	0	1	-	2108	\$0	\$127	\$0	\$3,357
CARLSBAD PBR #17 / NM69799F616700	0	1	-	2042	\$0	\$128	\$0	\$3,359
CARLSBAD PBR #18 / NM69799F616800	0	1	-	2125	\$0	\$133	\$0	\$3,358
CARLSBAD PBR #19 / NM69799F616900	0	1	-	2124	\$0	\$137	\$0	\$3,607
CARLSBAD PBR #2 / NM69799F615200	0	1	-	2129	\$0	\$148	\$0	\$3,359
CARLSBAD PBR #20 / NM69799F617000	0	1	-	2134	\$0	\$126	\$0	\$3,360
CARLSBAD PBR #21 / NM69799F617100	0	1	-	2133	\$0	\$193	\$0	\$3,607
CARLSBAD PBR #22 / NM69799F617200	0	1	-	2032	\$0	\$149	\$0	\$3,358
CARLSBAD PBR #23 / NM69799F617300	0	1	-	2105	\$0	\$174	\$0	\$3,358
CARLSBAD PBR #24 / NM69799F617400	0	1	-	2044	\$0	\$158	\$0	\$3,358

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

New Mexico

CARLSBAD PBR #25 / NM69799F617500	0	1	-	2033	\$0	\$150	\$0	\$3,342
CARLSBAD PBR #26 / NM69799F617600	0	1	-	2131	\$0	\$150	\$0	\$3,358
CARLSBAD PBR #3 / NM69799F615300	0	1	-	2038	\$0	\$159	\$0	\$3,489
CARLSBAD PBR #4 / NM69799F615400	0	1	-	2038	\$0	\$139	\$0	\$3,490
CARLSBAD PBR #5 / NM69799F615500	0	1	-	2129	\$0	\$139	\$0	\$3,475
CARLSBAD PBR #6 / NM69799F615600	0	1	-	2128	\$0	\$138	\$0	\$3,479
CARLSBAD PBR #7 / NM69799F615700	0	1	-	2128	\$0	\$139	\$0	\$3,359
CARLSBAD PBR #8 / NM69799F615800	0	1	-	2127	\$0	\$139	\$0	\$3,358
CARLSBAD PBR #9 / NM69799F615900	0	1	-	2127	\$0	\$132	\$0	\$3,343
CLO AFB NARA VI PBR #1 / NM69799F617800	0	1	-	2132	\$0	\$238	\$0	\$9,038
DEMING AAF / NM69799F618400	5	3	2014	2023	\$1,128	\$310	\$955	\$1,682
DEMING AAF PBR #1 / NM69799F618900	0	1	-	2059	\$0	\$219	\$0	\$3,712
DEMING AAF PBR #10 / NM69799F619800	0	1	-	2057	\$0	\$113	\$0	\$3,613
DEMING AAF PBR #11 / NM69799F619900	0	1	-	2039	\$0	\$118	\$0	\$3,614
DEMING AAF PBR #12 / NM69799F620000	0	1	-	2098	\$0	\$101	\$0	\$3,486
DEMING AAF PBR #13 / NM69799F620100	0	1	-	2077	\$0	\$108	\$0	\$3,620
DEMING AAF PBR #14 / NM69799F620200	0	1	-	2059	\$0	\$119	\$0	\$4,139
DEMING AAF PBR #15 / NM69799F620300	0	1	-	2076	\$0	\$117	\$0	\$3,548
DEMING AAF PBR #16 / NM69799F620400	0	1	-	2076	\$0	\$114	\$0	\$3,354

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

New Mexico

DEMING AAF PBR #17 / NM69799F620500	0	1	-	2076	\$0	\$100	\$0	\$4,340
DEMING AAF PBR #18 / NM69799F620600	0	1	-	2075	\$0	\$98	\$0	\$3,615
DEMING AAF PBR #19 / NM69799F620700	0	1	-	2076	\$0	\$98	\$0	\$4,347
DEMING AAF PBR #2 / NM69799F619000	0	1	-	2039	\$0	\$217	\$0	\$3,752
DEMING AAF PBR #20 / NM69799F620800	0	1	-	2055	\$0	\$114	\$0	\$3,733
DEMING AAF PBR #21 / NM69799F620900	0	1	-	2066	\$0	\$109	\$0	\$4,339
DEMING AAF PBR #22 / NM69799F621000	0	1	-	2040	\$0	\$106	\$0	\$3,773
DEMING AAF PBR #23 / NM69799F621100	0	1	-	2075	\$0	\$105	\$0	\$4,348
DEMING AAF PBR #24 / NM69799F621200	0	1	-	2075	\$0	\$102	\$0	\$4,348
DEMING AAF PBR #3 / NM69799F619100	0	1	-	2074	\$0	\$102	\$0	\$3,763
DEMING AAF PBR #4 / NM69799F619200	0	1	-	2077	\$0	\$98	\$0	\$3,487
DEMING AAF PBR #5 / NM69799F619300	0	1	-	2059	\$0	\$117	\$0	\$4,021
DEMING AAF PBR #6 / NM69799F619400	0	1	-	2076	\$0	\$119	\$0	\$3,615
DEMING AAF PBR #7 / NM69799F619500	0	1	-	2023	\$0	\$173	\$0	\$2,412
DEMING AAF PBR #8 / NM69799F619600	0	1	-	2075	\$0	\$128	\$0	\$3,613
DEMING AAF PBR #9 / NM69799F619700	0	1	-	2057	\$0	\$129	\$0	\$3,613
HAFB UPPER ARC / NM69799F622900	1	0	2017	-	\$0	\$0	\$755	\$0
HOBBS PBR #12 / NM69799F623600	0	1	-	2056	\$0	\$118	\$0	\$4,205
HOBBS PBR #14 / NM69799F623700	0	1	-	2083	\$0	\$118	\$0	\$3,358

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

New Mexico

HOBBS PBR #16 / NM69799F623900	0	1	-	2084	\$0	\$118	\$0	\$3,489
HOBBS PBR #6 / NM69799F623300	0	1	-	2081	\$0	\$184	\$0	\$3,359
HOBBS PBR #7 / NM69799F623400	0	1	-	2077	\$0	\$118	\$0	\$3,359
KAFB PBR 22 TRGT S-9 / NM69799F908400	0	1	-	2108	\$0	\$97	\$0	\$3,511
KIRTLAND AFB DEM BOMB RGE / NM69799F624900	0	1	-	2035	\$0	\$186	\$0	\$3,192
KIRTLAND AFB PBR #N-10 / NM69799F625200	0	1	-	2041	\$0	\$147	\$0	\$3,289
KIRTLAND AFB PBR #N-12 / NM69799F625300	0	1	-	2032	\$0	\$147	\$0	\$3,633
KIRTLAND AFB PBR #N13 / NM69799F624400	0	1	-	2081	\$0	\$96	\$0	\$3,402
KIRTLAND AFB PBR #N-14 / NM69799F625500	0	1	-	2066	\$0	\$96	\$0	\$3,416
KIRTLAND AFB PBR #N-8 / NM69799F625000	0	1	-	2120	\$0	\$147	\$0	\$3,402
KIRTLAND AFB PBR #N-9 / NM69799F625100	0	1	-	2141	\$0	\$147	\$0	\$3,289
KIRTLAND AFB PBR #S10 / NM69799F624300	0	1	-	2056	\$0	\$146	\$0	\$3,232
KIRTLAND AFB PBR #S-11 / NM69799F624400	0	1	-	2145	\$0	\$198	\$0	\$3,289
KIRTLAND AFB PBR #S-12 / NM69799F624500	0	1	-	2107	\$0	\$207	\$0	\$3,632
KIRTLAND AFB PBR #S-13 / NM69799F624600	0	1	-	2143	\$0	\$198	\$0	\$3,634
KIRTLAND AFB PBR #S-14 / NM69799F624700	0	1	-	2113	\$0	\$146	\$0	\$3,958
KIRTLAND AFB PBR #S-15 / NM69799F624800	0	1	-	2143	\$0	\$198	\$0	\$4,109
KIRTLAND AFB PBR 15, TRGT S-2 / NM69799F907700	0	1	-	2062	\$0	\$97	\$0	\$3,631
KIRTLAND AFB PBR 16 TRGT S-3 / NM69799F907800	0	1	-	2111	\$0	\$97	\$0	\$4,031

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

New Mexico

KIRTLAND AFB PBR 17, TRGT S-4 / NM69799F907900	0	1	-	2110	\$0	\$97	\$0	\$3,634
KIRTLAND AFB PBR 18, TRGT S-5 / NM69799F908000	0	1	-	2155	\$0	\$157	\$0	\$3,379
KIRTLAND AFB PBR 19 TRGT S-6 / NM69799F908100	0	1	-	2044	\$0	\$97	\$0	\$3,179
KIRTLAND AFB PBR 20 TRGT S-7 / NM69799F908200	0	1	-	2107	\$0	\$97	\$0	\$3,267
KIRTLAND AFB PBR 21 TRGT S-8 / NM69799F908300	0	1	-	2109	\$0	\$97	\$0	\$3,510
KIRTLAND AFB PBR 4 TRGT N-7 / NM69799F907400	0	1	-	2063	\$0	\$143	\$0	\$3,626
KIRTLAND AFB PBR 8 TRGT N-11 / NM69799F907500	0	1	-	2032	\$0	\$10	\$0	\$3,382
KIRTLAND PBR 3, TRGT N-6 / NM69799F907300	0	1	-	2063	\$0	\$177	\$0	\$3,698
LAS CRUCES AFS M-95 / NM69799F625900	6	0	2010	-	\$624	\$0	\$10	\$0
LOS LUNAS AIRFORCE RANGE / NM69799F907600	0	1	-	2111	\$0	\$8	\$0	\$3,267
PBR-2 TARGET N-5 / NM69799F902800	0	1	-	2033	\$0	\$153	\$0	\$2,544
ST NAZAIRE PBR #5 / NM69799F626600	0	1	-	2066	\$0	\$155	\$0	\$4,208
TIERRA AMARILLA AFS P-8 / NM69799F627200	1	0	2010	-	\$143	\$0	\$46	\$0
WAFB DEM BOMB RGE #35 / NM69799F629400	0	1	-	2023	\$0	\$134	\$0	\$2,321
WAFB ROSWELL N-1 PBR #17 / NM69799F631300	0	1	-	2064	\$0	\$142	\$0	\$3,359
WAFB ROSWELL N-10 PBR #10 / NM69799F630700	0	1	-	2056	\$0	\$144	\$0	\$3,604
WAFB ROSWELL N-12 PBR #27 / NM69799F631800	0	1	-	2063	\$0	\$144	\$0	\$3,359
WAFB ROSWELL N-2 PBR #19 / NM69799F631400	0	1	-	2084	\$0	\$132	\$0	\$3,490
WAFB ROSWELL N-8 PBR #11 / NM69799F630800	0	1	-	2087	\$0	\$150	\$0	\$3,490

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Mexico								
WAFB ROSWELL PBR #12 / NM69799F630900	0	1	-	2062	\$0	\$162	\$0	\$3,404
WAFB ROSWELL PBR #21 / NM69799F631500	0	1	-	2063	\$0	\$191	\$0	\$3,489
WAFB ROSWELL S-12 PBR #25 / NM69799F631700	0	1	-	2084	\$0	\$132	\$0	\$3,358
WAFB ROSWELL S-14 PBR #33 / NM69799F632100	0	1	-	2060	\$0	\$142	\$0	\$3,490
WAFB ROSWELL S-18 PBR #34 / NM69799F632200	0	1	-	2063	\$0	\$155	\$0	\$3,607
WAFB ROSWELL S-6 PBR #6 / NM69799F630300	0	1	-	2061	\$0	\$137	\$0	\$3,489
WAFB ROSWELL S-7 PBR #7 / NM69799F630400	0	1	-	2086	\$0	\$142	\$0	\$3,490
WAFB ROSWELL S-8 PBR #4 / NM69799F630100	0	1	-	2090	\$0	\$159	\$0	\$3,490

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York								
ARMY								
FORT DRUM / NY221402028100	65	0	2015	-	\$85,112	\$0	\$8,585	\$0
FORT HAMILTON / NY221022039500	13	5	2014	2008	\$185	\$185	\$864	\$0
WATERVLIET ARSENAL / NY221382094000 / (3)	31	1	2010	2003	\$21,075	\$0	\$1,921	\$0
NAVY								
WATERTOWN NRC / NY217002224700	1	0	2011	-	\$130	\$0	\$0	\$0
AIR FORCE								
FRANCIS S. GABRESKI (WEST HAMPTON) / NY257282424900	12	0	2013	-	\$11,867	\$0	\$1,235	\$0
HANCOCK FIELD / NY257282547500	16	2	2013	2018	\$5,977	\$0	\$1,744	\$0
NIAGARA FALLS INTERNATIONAL AIRPORT ARS / NY257122427300	15	0	2021	-	\$10,582	\$0	\$1,836	\$0
SCHENECTADY AIRPORT / NY257282589700	6	0	2012	-	\$3,203	\$0	\$1,124	\$0
STEWART INTERNATIONAL AIRPORT / NY257282888200	3	0	1999	-	\$3,916	\$0	\$41	\$0
FORMERLY USED DEFENSE SITES								
AFPLT NO 18 / NY29799F111400	1	0	2019	-	\$81	\$0	\$882	\$0
AFPLT NO 51 / NY29799F111700	3	0	2025	-	\$2,613	\$0	\$8,363	\$0
AFPLT NO 68 / NY29799F111800	1	0	2016	-	\$0	\$0	\$0	\$0
ATL BASIN IRON WORKS / NY29799F130100	1	0	2019	-	\$16	\$0	\$205	\$0
BANGOR GAP FIL AX / NY29799F112700	2	0	2017	-	\$13	\$0	\$93	\$0
CARTWRIGHT IS BOMB TAR / NY29799F129700	0	1	-	2044	\$0	\$151	\$0	\$1,735
CHARLOTTE CEN GFA / NY29799F114000	1	0	2017	-	\$13	\$0	\$97	\$0
CP HERO / NY29799F106300	2	1	2024	2004	\$5,094	\$1,199	\$3,998	\$988

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York								

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York								

ELMIRA SUB DEPOT / NY29799F108900	1	0	2017	-	\$13	\$0	\$174	\$0
ENGINEER SCH / NY29799F106700	3	0	2019	-	\$3,031	\$0	\$3,708	\$0
FLOYD BENNETT FLD / NY29799F692300	2	0	2020	-	\$1,487	\$0	\$3,329	\$0
FORT H G WRIGHT / NY29799F114900	0	1	-	2040	\$0	\$273	\$0	\$0
FORT JAY / NY29799F115000	0	1	-	2037	\$0	\$179	\$0	\$872
FORT MICHIE / NY29799F115100	1	1	2017	2050	\$0	\$197	\$620	\$2,127
FORT NIAGARA / NY29799F115200	2	1	2019	2038	\$41	\$191	\$941	\$8,763
FORT SLOCUM / NY29799F115500	2	1	2020	2051	\$56	\$16	\$4,138	\$1,583
FORT SLOCUM-NEPTUNE / NY29799F115600	1	0	2019	-	\$16	\$0	\$265	\$0
FT TILDEN / NY29799F692200	5	1	2016	2007	\$736	\$243	\$1,276	\$0
LOCKPORT AFS / NY29799F127400	2	0	2020	-	\$971	\$0	\$7,244	\$0
MADISON BKS TRGT R / NY29799F109000	1	1	2018	2046	\$140	\$138	\$638	\$1,809
MILITARY OCEAN TER / NY29799F117600	1	0	2027	-	\$0	\$0	\$2,009	\$0
MIT COMM FAC AX #1 REC / NY29799F117900	2	0	2017	-	\$13	\$0	\$205	\$0
MONTAUK NAVAL SUB BASE / NY29799F127000	1	1	2015	2038	\$12	\$203	\$556	\$2,665
MONTGOMERY AUX FLD #1 / NY29799F118200	1	0	2017	-	\$13	\$0	\$178	\$0
NAV HOSPITAL / NY29799F126700	3	0	2026	-	\$2,275	\$0	\$233	\$0
NAVSTORHOUSE-SHIPYARD / NY29799F129500	1	0	2017	-	\$12	\$0	\$154	\$0
NAVY & MARINE CNTR #3 / NY29799F953600	1	0	2018	-	\$5	\$0	\$453	\$0

NAVY BARRACKS BKLYN / NY29799F785200	1	0	2017	-	\$12	\$0	\$326	\$0
NAVY TRAINING SCHOOL / NY29799F954700	1	0	2015	-	\$0	\$0	\$158	\$0
NIKE BAT NY 15 LAUNCH / NY29799F729500	2	0	2016	-	\$0	\$0	\$177	\$0
NIKE BU 18 / NY29799F107500	1	0	2019	-	\$108	\$0	\$226	\$0
NIKE BU 34/35 / NY29799F107600	2	0	2017	-	\$202	\$0	\$725	\$0
NIKE BU 51/52 / NY29799F107800	2	0	2021	-	\$302	\$0	\$2,179	\$0
NIKE NF 03 / NY29799F107400	1	0	2013	-	\$125	\$0	\$198	\$0
NIKE NY 04/05 / NY29799F106900	1	0	2018	-	\$0	\$0	\$204	\$0
NIKE NY 09 / NY29799F108600	1	0	2017	-	\$13	\$0	\$164	\$0
NIKE NY 29/30 / NY29799F108300	1	0	2016	-	\$0	\$0	\$258	\$0
NORTHEASTERN INDUSTRIAL PARK / NY29799F105400	4	0	2013	-	\$5,982	\$0	\$4,036	\$0
OSWEGATCHIE GAP FIL AX / NY29799F119400	1	0	2017	-	\$16	\$0	\$101	\$0
PLATTSBURG OTR MK AUX / NY29799F119900	1	0	2016	-	\$16	\$0	\$82	\$0
PLATTSBURGH ATLAS S-1 / NY29799F109200	1	0	2017	-	\$0	\$0	\$127	\$0
PLATTSBURGH ATLAS S-10 / NY29799F110100	1	0	2018	-	\$0	\$0	\$906	\$0
PLATTSBURGH ATLAS S-11 / NY29799F110200	3	0	2029	-	\$2,768	\$0	\$1,757	\$0
PLATTSBURGH ATLAS S-12 / NY29799F110300	1	0	2021	-	\$0	\$0	\$1,598	\$0
PLATTSBURGH ATLAS S-4 / NY29799F109500	2	0	2016	-	\$20	\$0	\$174	\$0
PLATTSBURGH ATLAS S-5 / NY29799F109600	1	0	2013	-	\$0	\$0	\$172	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York								
PLATTSBURGH ATLAS S-6 / NY29799F109700	1	0	2013	-	\$0	\$0	\$195	\$0
PLATTSBURGH ATLAS S-8 / NY29799F109900	1	0	2013	-	\$0	\$0	\$135	\$0
PLATTSBURGH ATLAS S-9 / NY29799F110000	1	0	2019	-	\$0	\$0	\$1,500	\$0
ROOSEVELT FIELD / NY29799F871000	1	0	2016	-	\$57	\$0	\$258	\$0
ROTTERDAM INDUST. PARK / NY29799F730600	2	0	2017	-	\$517	\$0	\$580	\$0
SAMPSON AFB / NY29799F759100	3	1	2028	2009	\$1,190	\$346	\$2,346	\$0
SHO BEA FIRE CON STA / NY29799F121100	1	0	2016	-	\$0	\$0	\$1	\$0
STE OBS LIGHT ANX / NY29799F121900	1	0	2016	-	\$0	\$0	\$89	\$0
STE OUTER MARK AX / NY29799F122000	1	0	2013	-	\$16	\$0	\$139	\$0
STERLING ENGINE CO / NY29799F130700	1	0	2018	-	\$12	\$0	\$251	\$0
STEWART AFB / NY29799F121400	2	0	2020	-	\$906	\$0	\$4,664	\$0
SUTTON COR GAP FIL AX / NY29799F122600	1	0	2016	-	\$16	\$0	\$97	\$0
SWINBURNE ISL S/LIGHT / NY29799F122700	2	0	2027	-	\$16	\$0	\$706	\$0
SYOSSET NAV INDRESACFT / NY29799F125200	1	0	2016	-	\$16	\$0	\$231	\$0
SYRACUSE AAF / NY29799F123200	1	0	2010	-	\$560	\$0	\$210	\$0
SYRACUSE AFS MCC-10 / NY29799F122800	1	0	2016	-	\$13	\$0	\$130	\$0
US NAV TRG DEVICE CEN / NY29799F126300	2	1	2018	2049	\$114	\$154	\$662	\$4,965
WATERTOWN AF STA 249 / NY29799F128600	1	0	2016	-	\$16	\$0	\$63	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
North Carolina								
ARMY								
FORT BRAGG / NC421402012100 / (2)	84	0	2039	-	\$24,761	\$0	\$7,525	\$0
NAVY								
WILMINGTON NRC / NC417002417800	1	0	2011	-	\$61	\$0	\$0	\$0
AIR FORCE								
CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT / NC457282589400	2	0	2016	-	\$3,904	\$0	\$3,048	\$0
POPE AIR FORCE BASE / NC457212447500 / (3)	52	6	2013	2014	\$20,543	\$1,541	\$2,338	\$3,609
FORMERLY USED DEFENSE SITES								
BODIE ISLAND / NC49799F971600	0	1	-	2055	\$0	\$173	\$0	\$2,848
CAMPBELL ISLAND / NC49799F971800	0	1	-	2061	\$0	\$156	\$0	\$5,768
CHARLOTTE ARMY MIS PL / NC49799F483800	1	0	2018	-	\$2,693	\$0	\$6,541	\$0
CHARLOTTE NAV AMM DEPO / NC49799F490000	3	1	2018	2023	\$3,171	\$164	\$4,194	\$1,057
COROLLA NAVAL TARGET / NC49799F887400	0	1	-	2015	\$0	\$849	\$0	\$3,392
CP BATTLE / NC49799F489000	0	1	-	2062	\$0	\$85	\$0	\$2,986
DUCK TARGET FACILITY / NC49799F788800	0	1	-	2011	\$0	\$1,980	\$0	\$445
GREENSBORO RIFLE RANGE / NC49799F794100	0	1	-	2052	\$0	\$191	\$0	\$1,401
JOCKEY'S RIDGE / NC49799F972000	0	1	-	2037	\$0	\$175	\$0	\$1,222
MANTEO NAV AUX AIR ST / NC49799F790300	1	0	2013	-	\$921	\$0	\$868	\$0
MORRIS FLD / NC49799F488200	0	1	-	2051	\$0	\$106	\$0	\$3,082
NAAS EDENTON / NC49799F483300	3	1	2016	2043	\$3,704	\$234	\$4,048	\$3,222
SOUTHERN SHORES / NC49799F972900	0	1	-	2023	\$0	\$150	\$0	\$6,334

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
North Carolina								
SPENCER MTN RIFLE RANG / NC49799F795800	0	1	-	2074	\$0	\$159	\$0	\$1,331

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
North Dakota								
AIR FORCE								
CAVALIER AIR FORCE STATION / ND857112889500	6	1	2007	2014	\$425	\$0	\$0	\$0
GRAND FORKS AIR FORCE BASE / ND857212475900 / (1)	11	2	2024	2005	\$16,628	\$0	\$5,009	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Northern Mariana Islands								
FORMERLY USED DEFENSE SITES								
AMERICAN MEMORIAL PARK / CN99799F373300	1	0	2018	-	\$234	\$0	\$5,202	\$0
EDONI SITE / CN99799F739100	1	0	2013	-	\$1,033	\$0	\$2,608	\$0
HOSPITAL DUMP SITE / CN99799F373100	1	0	2015	-	\$0	\$0	\$1,559	\$0
KOBLER NAVAL SUPPLY CENTER / CN99799F844500	2	0	2018	-	\$913	\$0	\$5,986	\$0
MARPI POINT FIELD / CN99799F737700	0	1	-	2119	\$0	\$229	\$0	\$5,200
NAFTAN ORDNANCE DISPOSAL / CN99799F372600	0	1	-	2057	\$0	\$0	\$0	\$4,488
TANAPAG FUEL FARM / CN99799F947300	2	0	2018	-	\$769	\$0	\$7,347	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Ohio								
ARMY								
USARC KINGS MILLS (AMSA 59) / OH52104OH07900 / (3)	12	0	2012	-	\$1,966	\$0	\$139	\$0
NAVY								
TOLEDO NWIRP / OH017006864000	1	0	2011	-	\$1,327	\$0	\$0	\$0
AIR FORCE								
AIR FORCE PLANT 36 / OH557172462300 / (3)	33	0	2020	-	\$5,935	\$0	\$1,422	\$0
AIR FORCE PLANT 85 / OH557172887000	13	0	2022	-	\$6,927	\$0	\$9,169	\$0
GENTILE AFS / OH597152435700 / (2) / (3)	22	0	2028	-	\$4,922	\$0	\$1,858	\$0
NEWARK AFB / OH557002465000 / (1) / (3)	14	0	2012	-	\$6,472	\$0	\$1,129	\$0
RICKENBACKER AIR GUARD BASE / OH557282454400	2	0	2012	-	\$1,063	\$0	\$265	\$0
RICKENBACKER ANGB / OH557002454400 / (1) / (3)	45	0	2036	-	\$26,475	\$0	\$7,480	\$0
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT / OH557282587300	6	0	2014	-	\$2,540	\$0	\$751	\$0
TOLEDO EXPRESS AIRPORT / OH557282843600	9	1	2009	2018	\$5,687	\$0	\$136	\$0
DEFENSE LOGISTICS AGENCY								
DSC COLUMBUS / OH597153922500	26	0	2015	-	\$3,549	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
CLEVELAND PLANT / OH59799F883400	0	1	-	2011	\$0	\$2,885	\$0	\$553
CLEVELAND TANK TESTING FARM / OH59799F348100	1	0	2011	-	\$132	\$0	\$93	\$0
CLINTON COUNTY AIR FORCE BASE / OH59799F873200	1	0	2011	-	\$57	\$0	\$168	\$0
COLUMBUS NAVAL AIR STATION / OH59799F862600	2	0	2013	-	\$756	\$0	\$626	\$0
ERIE ARMY DEPOT / OH59799F364500	5	2	2020	2344	\$2,359	\$3,352	\$1,514	\$7,334

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Ohio								
LORDSTOWN ORDNANCE DEPOT / OH59799F367400	4	1	2021	2002	\$5,560	\$16	\$5,656	\$0
MARION ENGINEER DEPOT / OH59799F367500	2	0	2016	-	\$35,687	\$0	\$1,006	\$0
NIKE CL-48 - GARFIELD HEIGHTS / OH59799F365600	1	0	2012	-	\$767	\$0	\$1,105	\$0
NIKE CL-59 - PARMA HGHTS LAUNCH AREA / OH59799F365700	2	0	2014	-	\$973	\$0	\$71	\$0
OHIO RUBBER COMPANY / OH59799F371700	0	1	-	2026	\$0	\$252	\$0	\$1,486
ROSSFORD AD / OH59799F367800	3	1	2020	2008	\$801	\$0	\$1,211	\$0
SCIOTO ORDNANCE PLANT / OH59799F371500	2	1	2013	2003	\$8,658	\$16	\$4,620	\$0
WILKINS AIR FORCE STATION / OH59799F371300	2	0	2012	-	\$1,832	\$0	\$5,098	\$0
YOUNGSTOWN MUNIC AIRPORT / OH59799F370200	1	0	2015	-	\$95	\$0	\$924	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Oklahoma								
ARMY								
CAMP GRUBER / OK621184028000	1	0	2010	-	\$0	\$0	\$550	\$0
NAVY								
BROKEN ARROW NMCRC / OK617002288600	1	0	2011	-	\$69	\$0	\$0	\$0
AIR FORCE								
TULSA INTERNATIONAL AIRPORT / OK657282588700	3	0	2002	-	\$1,005	\$0	\$0	\$0
WILL ROGERS WORLD AIRPORT / OK69799F730100	12	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
ARDMORE AIR FORCE BASE / OK69799F637600	3	1	2043	2007	\$2,930	\$249	\$5,418	\$0
CLINTON SHERMAN AFB / OK69799F636100	4	2	2006	2023	\$16,990	\$194	\$6,212	\$1,269
DELHI AUXILIARY AIR FIELD / OK69799F643300	0	1	-	2023	\$0	\$248	\$0	\$1,946
FREDERICK AIRPORT INDUSTRIAL PARK / OK69799F638300	2	1	2005	2023	\$286	\$170	\$0	\$1,220
GR SALT PL BOMB RGE / OK69799F636900	0	4	-	2023	\$0	\$3,952	\$0	\$2,826
MUSKOGEE AUX AF / OK69799F639800	0	1	-	2039	\$0	\$150	\$0	\$1,285
NAVAL AIR TECH TRG CEN / OK69799F639700	2	1	2036	1999	\$1,511	\$0	\$3,384	\$0
SHAWNEE NAVAL AIR STATION / OK69799F639100	1	1	1998	2015	\$402	\$163	\$0	\$1,363

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Oregon								
AIR FORCE								
CAMP RILEA / OR000000000003	3	0	-	-	\$0	\$0	\$0	\$0
COOS HEAD AIR NATIONAL GUARD STATION / OR057282438400	2	4	2014	2013	\$1,755	\$2,452	\$1,568	\$890
KLAMATH FALLS IAP (KINGSLEY FIELD) / OR057282889700	10	3	2004	2018	\$6,526	\$0	\$0	\$0
PORTLAND INTERNATIONAL AIRPORT / OR057282426400 / (3)	11	0	2010	-	\$15,509	\$0	\$1,715	\$0
FORMERLY USED DEFENSE SITES								
COLD SPRINGS BOMBING RANGE / OR09799F308800	0	1	-	2042	\$0	\$126	\$0	\$9,076
KINGSLEY FIELD / OR09799F853900	2	0	2010	-	\$770	\$0	\$0	\$0
NORTH BEND AIRPORT / OR09799F808500	2	1	1998	2047	\$438	\$95	\$0	\$2,364
ROSEBURG RIFLE RANGE / OR09799F313300	0	1	-	2048	\$0	\$8	\$0	\$1,833
S E OREGON GUNNERY RANGE / OR09799F313600	0	1	-	2058	\$0	\$82	\$0	\$5,072
SWAN ISLAND NAVAL-MARINE CORPS RESERVE CENTER / OR09799F874900	1	0	2012	-	\$267	\$0	\$77	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Pennsylvania								
ARMY								
TOBYHANNA ARMY DEPOT / PA321382089200 / (1) / (3)	67	6	2005	2011	\$15,516	\$2,577	\$1,819	\$229
NAVY								
MECHANICSBURG SPCC / PA317002210400 / (1) / (3)	15	1	2025	2001	\$34,920	\$0	\$9,225	\$0
PHILADELPHIA ASO / PA317002724600	1	0	2012	-	\$900	\$0	\$214	\$0
PHILADELPHIA NS / PA317002219800 / (1) / (3)	19	0	2040	-	\$7,958	\$0	\$1,155	\$0
PHILADELPHIA NSWC-CD / PA317002468900	10	0	2015	-	\$16,656	\$0	\$848	\$0
WILLOW GROVE NAS / PA317002231200 / (3)	14	0	2041	-	\$11,310	\$0	\$4,624	\$0
WYOMING MCRC / PA317302756600	2	0	2011	-	\$0	\$0	\$0	\$0
AIR FORCE								
HARRISBURG INTERNATIONAL AIRPORT / PA357282882500	9	0	2005	-	\$2,779	\$0	\$0	\$0
WILLOW GROVE AIR FORCE RESERVE / PA357122534900	7	0	2013	-	\$8,384	\$0	\$1,379	\$0
DEFENSE LOGISTICS AGENCY								
DD SUSQUEHANNA, NEW CUMBERLAND FAC. / PA397152064200	63	0	2010	-	\$38,730	\$0	\$665	\$0
DSC PHILADELPHIA / PA397154266500	48	0	2012	-	\$32,395	\$0	\$9,449	\$0
FORMERLY USED DEFENSE SITES								
CAMP REYNOLDS / PA39799F929800	1	1	2010	2007	\$1,387	\$30	\$33	\$0
CONNELLSVILLE AIRPORT / PA39799F155900	2	1	2001	2018	\$393	\$0	\$0	\$1,749
ESSINGTON NG TAR RNG / PA39799F154100	0	1	-	2023	\$0	\$0	\$0	\$1,908
KEYSTONE ORDNANCE WORKS / PA39799F144800	3	1	2013	1995	\$1,604	\$0	\$258	\$0
LOCK HAVEN NATL GUARD FACILITY / PA39799F148500	1	1	2008	2025	\$0	\$0	\$0	\$1,750

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Pennsylvania								
MARIETTA AIR FORCE STATION / PA39799F150900	3	1	2015	1994	\$3,327	\$0	\$1,460	\$0
MONACA AIR FORCE POL STATION / PA39799F153300	1	0	2012	-	\$525	\$0	\$679	\$0
NEW CUMBERLAND ARMY DEPOT / PA39799F147200	1	1	2015	2007	\$6,266	\$72	\$2,140	\$0
NIKE PH-75/78 (MEDIA) / PA39799F146600	2	0	2015	-	\$2,529	\$0	\$5,877	\$0
OLMSTED AFB (SUNSET ANNEX) / PA39799F807300	1	0	-	-	\$176	\$0	\$1,332	\$0
READING AAF / PA39799F151100	1	1	1998	2036	\$19	\$194	\$0	\$6,411
SUSQUEHANNA ORDNANCE SUB-DEPOT / PA39799F144900	0	2	-	2020	\$16	\$189	\$0	\$257
YORK NAVAL ORDNANCE PLANT / PA39799F154500	1	2	2012	2019	\$822	\$735	\$265	\$177

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Puerto Rico								
ARMY								
FORT BUCHANAN / PR22140RQ32700	22	3	2016	2014	\$2,896	\$820	\$4,083	\$1,452
NAVY								
ROOSEVELT ROADS NS / PR217002758200	81	1	2011	2011	\$22,459	\$0	\$0	\$0
SABANA SECA NSGA / PR217002753500	8	0	2011	-	\$3,470	\$0	\$0	\$0
SAN JUAN SUPSHIP / PR217002733900	3	0	2011	-	\$0	\$0	\$0	\$0
AIR FORCE								
PUERTO RICO (SAN JUAN) MUNIZ IAP / PR257282962400	11	0	2010	-	\$10,026	\$0	\$296	\$0
PUNTA SALINAS AIR GUARD STATION / PR25728999800	4	0	2004	-	\$269	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
ARECIBO AUX AIR DROME / PR29799F414600	1	0	2016	-	\$210	\$0	\$782	\$0
CAMP O'REILLY / PR29799F418000	1	0	2024	-	\$21	\$0	\$2,591	\$0
CAMP TORTUGUERO FIRE RANGE / PR29799F413400	0	1	-	2071	\$0	\$0	\$0	\$1,867
FT BROOKE / PR29799F418300	1	1	1999	2024	\$185	\$139	\$0	\$7,264
FT BUCHANAN / PR29799F418400	0	1	-	2076	\$0	\$235	\$0	\$3,366
HENRY BARRACKS / PR29799F417900	1	1	2003	2074	\$401	\$243	\$0	\$2,833
POINT LIMA GUN EMPLACEMENT / PR29799F726400	1	0	2041	-	\$0	\$0	\$74	\$0
PUERTO RICO BOMB RANGE / PR29799F726600	0	1	-	2030	\$0	\$126	\$0	\$6,934
RAMEY AIR FORCE BASE / PR29799F417500	2	1	2008	2053	\$14,448	\$226	\$625	\$7,219
SAN PATRICIO HOSPITAL / PR29799F835900	1	0	2012	-	\$909	\$0	\$943	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Rhode Island								
ARMY								
LINCOLN AMSA 68 / RI121042185100 / (3)	16	0	2010	-	\$1,560	\$0	\$40	\$0
QUINTA-GAMELIN USARC / RI121041AP0700	4	0	2012	-	\$0	\$0	\$662	\$0
AIR FORCE								
QUONSET STATE AIRPORT / RI157282882600	5	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
A-A GUN / RI19799F805400	0	1	-	2046	\$0	\$0	\$0	\$1,875
BLUE BEACH / RI19799F215800	1	1	2010	2055	\$3,541	\$590	\$1,085	\$4,762
DUTCH ISL / RI19799F215400	1	0	2028	-	\$0	\$0	\$398	\$0
FORT NAT GREENE / RI19799F212700	3	0	2017	-	\$238	\$0	\$739	\$0
GOULD ISLAND NUSC / RI19799F213100	1	1	2017	2054	\$757	\$159	\$1,623	\$2,299
NAVAL AUX AIR FAC / RI19799F741700	2	1	2012	2044	\$0	\$309	\$1,249	\$2,984
NAVAL AUX LANDING FIELD / RI19799F210600	2	1	2008	2045	\$3,839	\$235	\$915	\$8,716
NAVAL DIR FINDER STA / RI19799F882900	1	0	2010	-	\$35	\$0	\$122	\$0
NETC NEWPORT / RI19799F211000	1	0	2016	-	\$0	\$0	\$8	\$0
NETC(MELVILLE IND FAC) / RI19799F215500	2	0	2019	-	\$2,182	\$0	\$1,639	\$0
PRUDENCE ISL NAV SUP / RI19799F213600	3	1	2001	2022	\$1,888	\$0	\$0	\$3,877
QUARRY DISPOSAL SITE / RI19799F215600	1	0	2011	-	\$258	\$0	\$67	\$0
ROSE ISL / RI19799F214900	2	1	2009	2037	\$49	\$189	\$349	\$2,668
SACHUEST PT-NPORT NCM / RI19799F211100	2	1	1997	2053	\$637	\$137	\$0	\$1,730

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Rhode Island								
US NAVAL REC CP / RI19799F735500	1	0	2010	-	\$61	\$0	\$171	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
South Carolina								
ARMY								
FORT JACKSON / SC421372044900 / (3)	45	10	2019	2014	\$27,213	\$738	\$4,124	\$4,496
NAVY								
CHARLESTON FISC / SC417002434300	24	0	2021	-	\$28,409	\$0	\$259	\$0
CHARLESTON FMWTC / SC417002757100	1	0	2021	-	\$34	\$0	\$0	\$0
CHARLESTON NRC / SC417002267000	1	0	2021	-	\$0	\$0	\$0	\$0
CHARLESTON NS / SC417002425800	60	2	2031	2011	\$27,491	\$394	\$3,234	\$0
CHARLESTON NSY / SC417002256000	39	0	2021	-	\$260	\$0	\$0	\$0
AIR FORCE								
CHARLESTON AIR FORCE BASE / SC457182446000	83	0	2037	-	\$37,561	\$0	\$8,121	\$0
MCENTIRE AIR GUARD BASE / SC457282516000	13	1	2009	2014	\$3,055	\$2,383	\$187	\$1,145
POINSETT / SC457212446601	3	0	2013	-	\$9	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
AIKEN AAF / SC49799F494200	1	1	2011	2009	\$259	\$190	\$328	\$0
ANDREWS BMB RNG 2 / SC49799F493600	0	1	-	2045	\$0	\$161	\$0	\$5,968
COLUMBIA AAB / SC49799F494900	2	1	2018	2005	\$34	\$131	\$1,935	\$0
C-STON BOMBING RNG 1 / SC49799F493300	0	1	-	2056	\$0	\$162	\$0	\$9,949
DUPONT / SC49799F805500	2	0	2021	-	\$132	\$0	\$234	\$0
FLORENCE AAF / SC49799F494500	1	0	2020	-	\$77	\$0	\$142	\$0
GEORGETOWN BMB&GN RG / SC49799F492800	0	6	-	2023	\$0	\$171	\$0	\$3,498
GREAT FALLS R RNG / SC49799F939900	0	1	-	2036	\$0	\$189	\$0	\$5,806

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
South Carolina								
LK ISAQUEENA BOM RNG / SC49799F493900	0	2	-	2023	\$0	\$140	\$0	\$4,447
LK MURRAY BMB RNG / SC49799F493800	0	3	-	2023	\$0	\$142	\$0	\$7,837
MCCLELLANVILLE BMB 2 / SC49799F493400	0	1	-	2056	\$0	\$175	\$0	\$6,010
MYRTLE BEACH B&G RANGE / SC49799F802300	0	1	-	2037	\$0	\$192	\$0	\$8,733
PONTIAC BMB RNG / SC49799F493700	0	1	-	2023	\$0	\$218	\$0	\$2,354
UNION BMB&GUNRY RNG / SC49799F493000	0	2	-	2023	\$0	\$153	\$0	\$7,596

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
South Dakota								
AIR FORCE								
BADLANDS BOMBING RANGE / SD857212464401	1	1	2011	2003	\$879	\$0	\$2,350	\$0
ELLSWORTH AIR FORCE BASE / SD857212464400 / (1) / (3)	35	1	2015	2003	\$86,198	\$0	\$1,693	\$0
FORMERLY USED DEFENSE SITES								
ARMSTRONG COUNTY ATG GUN RGE / SD89799F080800	0	1	-	2010	\$0	\$160	\$0	\$10
MITCHELL PRE BOMB RGE #4 / SD89799F084800	0	1	-	2039	\$0	\$117	\$0	\$3,761
RAPID CITY PRE BOM RGE #2 / SD89799F085400	0	1	-	2041	\$0	\$118	\$0	\$4,006
RAPID CITY SMALL ARMS RGE AX / SD89799F079400	1	1	2008	2038	\$240	\$145	\$0	\$4,476
SIOUX FALLS AAF RIFLE RGE / SD89799F079800	0	1	-	2041	\$0	\$119	\$0	\$1,264
WATERTOWN AAF / SD89799F085900	1	1	2001	2040	\$15	\$117	\$0	\$1,274
WATERTOWN ATG GUN RGE / SD89799F085800	0	1	-	2035	\$0	\$126	\$0	\$5,940
WATERTOWN PRE BOMB RGE / SD89799F086000	0	1	-	2038	\$0	\$126	\$0	\$4,048
WATERTOWN RIFLE RANGE / SD89799F086100	0	1	-	2040	\$0	\$116	\$0	\$1,274
YANKTON ATG GUN RGE / SD89799F086200	0	2	-	2057	\$0	\$112	\$0	\$534

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Tennessee								
ARMY								
HOLSTON ARMY AMMUNITION PLANT / TN421382042100	30	2	2039	2004	\$20,699	\$0	\$8,336	\$0
NAVY								
KNOXVILLE NMRC / TN417002271000	1	0	2011	-	\$837	\$0	\$0	\$0
AIR FORCE								
LOVELL FIELD / TN457282588900	5	0	-	-	\$0	\$0	\$0	\$0
MCGHEE-TYSON AIRPORT (KNOXVILLE) / TN457282419600	15	0	2012	-	\$7,036	\$0	\$1,566	\$0
MEMPHIS INTERNATIONAL AIRPORT / TN457282430700	5	2	2012	2006	\$5,581	\$10	\$720	\$0
NASHVILLE METRO AIRPORT / TN457282589000	3	3	2000	2015	\$787	\$1,007	\$0	\$5,460
DEFENSE LOGISTICS AGENCY								
DDMT MEMPHIS / TN497152057000 / (1) / (3)	116	0	2016	-	\$58,021	\$0	\$8,866	\$0
FORMERLY USED DEFENSE SITES								
DYERSBURG AAF TO GROUND GUNNERY RANGE & EXPANSION / TN49799F351800	0	1	-	2052	\$0	\$297	\$0	\$9,552
DYERSBURG ARMY AF / TN49799F351700	1	1	2006	2023	\$371	\$0	\$0	\$2,329
DYERSBURG ARMY AIRFIELD BOMBING RANGE NO. 1 / TN49799F351900	0	1	-	2058	\$0	\$176	\$0	\$3,464
DYERSBURG ARMY AIRFIELD TURRET GUNNERY RANGE / TN49799F352000	0	1	-	2066	\$0	\$12	\$0	\$1,261
SEWART AFB / TN49799F353200	5	2	2015	2064	\$3,635	\$159	\$1,916	\$5,638

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								
ARMY								
CAMP BULLIS / TX621162013300 / (3)	6	4	2015	2015	\$10,118	\$714	\$2,504	\$2,867
FORT HOOD / TX621402042400	62	0	2010	-	\$6,866	\$0	\$6	\$0
FORT SAM HOUSTON / TX621162042900 / (3)	27	26	2013	2014	\$8,732	\$498	\$941	\$8,254
LONE STAR ARMY AMMUNITION PLANT / TX621382183100 / (1) / (3)	47	1	2037	2013	\$28,478	\$130	\$8,177	\$549
SAGINAW / TX621184865200	1	0	2014	-	\$0	\$0	\$126	\$0
NAVY								
DALLAS NAS / TX617002278600 / (1) / (3)	47	2	2018	2005	\$83,467	\$0	\$6,720	\$0
KINGSVILLE NAS / TX617002476100	20	0	2021	-	\$9,988	\$0	\$1,828	\$0
LUBBOCK NMCRC / TX617002286600	1	0	2011	-	\$101	\$0	\$0	\$0
AIR FORCE								
BERGSTROM AFB / TX657002418800 / (1) / (3)	32	8	2016	2005	\$48,803	\$0	\$1,990	\$0
BROOKS CITY BASE / TX657172430300 / (1) / (3)	17	0	2012	-	\$8,664	\$0	\$3,288	\$0
DYESS AIR FORCE BASE / TX657212464300	44	0	2020	-	\$14,723	\$0	\$3,656	\$0
ELLINGTON FIELD (HOUSTON) / TX657282406700	5	6	2010	2018	\$3,740	\$3,734	\$917	\$4,288
GOODFELLOW AIR FORCE BASE / TX657152407100	15	3	2008	2020	\$8,153	\$92	\$64	\$0
LAUGHLIN AIR FORCE BASE / TX657152410500 / (3)	28	1	2012	2003	\$18,203	\$0	\$3,291	\$0
RANDOLPH AIR FORCE BASE / TX657152411700	30	6	2010	2014	\$12,557	\$1,283	\$677	\$0
REESE AFB / TX657152409100 / (1) / (3)	18	3	2014	2000	\$127,991	\$0	\$2,000	\$45
SHEPPARD AIR FORCE BASE / TX657152416100	20	0	2008	-	\$10,809	\$0	\$63	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								
FORMERLY USED DEFENSE SITES								
ABILENE BOMBING GUN RANGE / TX69799F649200	0	2	-	2126	\$0	\$181	\$0	\$3,967
ALOE ARMY AIRFIELD / TX69799F647700	4	1	2011	2033	\$3,809	\$0	\$95	\$1,680
AMARILLO AAF SM FIR RANGE / TX69799F650100	0	1	-	2048	\$0	\$0	\$0	\$1,589
ATLAS AF FAC S-10 / TX69799F651200	2	0	2018	-	\$502	\$0	\$349	\$0
ATLAS AF FAC S-8 / TX69799F651000	1	0	2019	-	\$118	\$0	\$1,622	\$0
ATLAS AF FACILITY S-12 / TX69799F651400	2	0	2011	-	\$335	\$0	\$0	\$0
ATLAS AF FACILITY S-9 / TX69799F651100	1	0	2014	-	\$219	\$0	\$600	\$0
ATLAS MISSILE NO.7 (K06OK0407) / TX69799F648800	2	0	2017	-	\$3,410	\$0	\$7,546	\$0
BIG SPRING PBR NO. S-11 / TX69799FA25500	0	1	-	2030	\$0	\$74	\$0	\$3,638
BIG SPRING PBR NO. S-2 / TX69799FA24700	0	1	-	2029	\$0	\$75	\$0	\$1,595
BIG SPRING PBR NO. S-5 / TX69799FA25000	0	1	-	2031	\$0	\$81	\$0	\$3,532
BLUEBONNET ORD PLANT / TX69799F669900	0	1	-	2099	\$0	\$1,031	\$0	\$5,065
BOMBING TARGET B-1 / TX69799FA30500	0	1	-	2034	\$0	\$0	\$0	\$3,661
BOMBING TARGET B-10 / TX69799FA31500	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-11 / TX69799FA31600	0	1	-	2089	\$0	\$0	\$0	\$2,240
BOMBING TARGET B-13 / TX69799FA31800	0	1	-	2089	\$0	\$0	\$0	\$2,240
BOMBING TARGET B-14 / TX69799FA31900	0	1	-	2057	\$0	\$0	\$0	\$2,240
BOMBING TARGET B-2 / TX69799FA30600	0	1	-	2092	\$0	\$0	\$0	\$1,984
BOMBING TARGET B-3 / TX69799FA30700	0	1	-	2088	\$0	\$0	\$0	\$1,984

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Texas

BOMBING TARGET B-4 / TX69799FA30900	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-5 / TX69799FA31000	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-6 / TX69799FA31100	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-7 / TX69799FA31200	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-8 / TX69799FA31300	0	1	-	2011	\$0	\$0	\$0	\$178
BOMBING TARGET B-9 / TX69799FA31400	0	1	-	2011	\$0	\$0	\$0	\$178
BREMEN PREC BOMB RGE #1 / TX69799F669500	0	1	-	2067	\$0	\$190	\$0	\$3,469
BROWNSVILLE ARMY AIRFIELD / TX69799F94600	0	1	-	2090	\$0	\$0	\$0	\$1,680
BRYAN AFB / TX69799F669200	3	0	2018	-	\$2,839	\$0	\$1,463	\$0
CAMP FANNIN / TX69799F648600	1	1	1998	2019	\$49	\$3,112	\$0	\$5,719
CHILDRESS AAF BOMB RANGE #16 / TX69799F666100	0	1	-	2119	\$0	\$149	\$0	\$3,232
CHILDRESS AAF BOMB RG #10 / TX69799F666600	0	1	-	2119	\$0	\$153	\$0	\$3,232
CHILDRESS AAF BOMB RG #12 / TX69799F666500	0	1	-	2105	\$0	\$159	\$0	\$3,592
CHILDRESS AAF BOMB RG #13 / TX69799F666400	0	1	-	2118	\$0	\$154	\$0	\$3,362
CHILDRESS AAF BOMB RG #14 / TX69799F666300	0	1	-	2109	\$0	\$156	\$0	\$3,592
CHILDRESS AAF BOMB RG #15 / TX69799F666200	0	1	-	2105	\$0	\$146	\$0	\$3,639
CHILDRESS AAF BOMB RG #18 / TX69799F666000	0	1	-	2117	\$0	\$143	\$0	\$3,232
CHILDRESS AAF BOMB RGE # 3 / TX69799F666800	0	1	-	2108	\$0	\$132	\$0	\$3,232
CHILDRESS AAF BOMB RGE # 5 / TX69799F667300	0	1	-	2107	\$0	\$115	\$0	\$3,337

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Texas

CHILDRESS AAF BOMB RGE # 8 / TX69799F667400	0	1	-	2132	\$0	\$142	\$0	\$3,338
CHILDRESS AAF BOMB RGE #1 / TX69799F667500	0	1	-	2100	\$0	\$144	\$0	\$2,921
CHILDRESS AAF BOMB RGE #2 / TX69799F667100	0	1	-	2108	\$0	\$122	\$0	\$3,233
CHILDRESS AAF BOMB RGE #4 / TX69799F667200	0	1	-	2107	\$0	\$142	\$0	\$3,930
CHILDRESS AAF BOMB RGE #6 / TX69799F667000	0	1	-	2101	\$0	\$111	\$0	\$3,233
CHILDRESS AAF BOMB RGE #7 / TX69799F666900	0	1	-	2122	\$0	\$171	\$0	\$2,284
CHILDRESS AAF BOMB RGE #9 / TX69799F666700	0	1	-	2121	\$0	\$166	\$0	\$2,118
CITY OF FORT WORTH, ET AL, PROPERTIES / TX69799FA12900	0	1	-	2098	\$0	\$248	\$0	\$1,410
CITY OF GALVESTON (CROCKETT) / TX69799F807800	0	1	-	2012	\$0	\$40	\$0	\$178
CUDDIHY FIELD / TX69799F804400	2	1	2020	2091	\$940	\$0	\$1,249	\$7,792
CYCLONE HILL PRECISION BOMBING RANGE / TX69799F742400	0	1	-	2113	\$0	\$156	\$0	\$6,301
DALHART AAF / TX69799F665100	3	1	1997	2052	\$761	\$205	\$0	\$6,962
EAGLE MOUN AAC MAINT FAC / TX69799F664000	1	1	1995	2088	\$10	\$0	\$0	\$2,914
EAGLE PASS AAF / TX69799F646000	2	1	1998	2125	\$841	\$158	\$1	\$1,409
ELLINGTON FIELD GUNNERY RANGE / TX69799F828200	0	1	-	2126	\$0	\$242	\$0	\$1,382
FIVE POINTS OLF(TWINPARKSESTATES) / TX69799F645800	0	2	-	2026	\$0	\$4,469	\$0	\$1,688
FLAMINGO PROPERTIES CO (REV.) / TX69799F672100	4	1	2019	2005	\$2,939	\$63	\$847	\$0
FORT RINGOLD / TX69799F945900	1	1	2013	2125	\$0	\$160	\$370	\$3,511
FORT SAN JACINTO / TX69799F838000	1	0	2012	-	\$5	\$0	\$27	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								

FORT WORTH ARMY DEPOT / TX69799F662800	2	0	2018	-	\$1,218	\$0	\$1,978	\$0
FOSTER AIR FORCE BASE / TX69799F672200	4	1	2011	2126	\$4,361	\$159	\$1,149	\$1,524
GALVESTON ARMY AIRFIELD BOMBING RANGE / TX69799F828300	0	1	-	2121	\$0	\$151	\$0	\$9,705
GALVESTON COUNTY(CROCKETT) / TX69799F807700	0	1	-	2094	\$0	\$40	\$0	\$1,574
GALVESTON INDEPEN SCHOOL DISTRICT (CROCKETT) / TX69799F808100	0	1	-	2012	\$0	\$41	\$0	\$178
GARY (EDWARD) AFB / TX69799F662100	3	0	2023	-	\$2,101	\$0	\$527	\$0
HARLINGEN AFB / TX69799F673300	2	1	2020	2086	\$892	\$238	\$2,324	\$3,932
HONDO ARMY AIR FIELD / TX69799F661200	2	1	2006	2034	\$2,560	\$154	\$0	\$2,550
HOSKINS MOUND AF BOMBING RNG / TX69799F676000	0	1	-	2123	\$0	\$186	\$0	\$8,313
JAMES CONNALLY AFB / TX69799F660900	5	1	2023	2085	\$2,986	\$0	\$1,928	\$1,567
JEFFERSON COUNTY AIRFIELD / TX69799F804200	1	1	2012	2085	\$0	\$131	\$32	\$2,801
KIEL PREC BOBM RGE #2 / TX69799F660800	0	1	-	2035	\$0	\$164	\$0	\$3,905
LAGUNA MADRE GUNNERY RANGE / TX69799F676400	1	1	2002	2070	\$115	\$0	\$0	\$1,409
LAGUNA MADRE GUNNERY RANGE(PADRE ISLAND) / TX69799F802600	0	1	-	2088	\$0	\$147	\$0	\$6,606
LAREDO AFB / TX69799F660300	8	1	2018	2086	\$8,610	\$160	\$5,781	\$1,456
MARFA AAF / TX69799F670800	1	1	1999	2089	\$6	\$0	\$0	\$2,558
MCGEE BEND PREC BOMB RGE / TX69799F659800	0	1	-	2116	\$0	\$157	\$0	\$6,416
MIDLAND AAF TAR RGE NO 2 / TX69799F659100	0	1	-	2126	\$0	\$94	\$0	\$2,508
MIDLAND AAF TAR RGE #10 / TX69799F658100	0	1	-	2110	\$0	\$202	\$0	\$3,385

MIDLAND AAF TAR RGE #11 / TX69799F658000	0	1	-	2026	\$0	\$70	\$0	\$2,539
MIDLAND AAF TAR RGE #12 / TX69799F657900	0	1	-	2110	\$0	\$208	\$0	\$3,223
MIDLAND AAF TAR RGE #13 / TX69799F657800	0	1	-	2102	\$0	\$142	\$0	\$3,224
MIDLAND AAF TAR RGE #14 / TX69799F657700	0	1	-	2099	\$0	\$151	\$0	\$3,375
MIDLAND AAF TAR RGE #15 / TX69799F657600	0	1	-	2012	\$0	\$70	\$0	\$179
MIDLAND AAF TAR RGE #16 / TX69799F657500	0	1	-	2124	\$0	\$147	\$0	\$3,223
MIDLAND AAF TAR RGE #17 / TX69799F657400	0	1	-	2109	\$0	\$146	\$0	\$3,480
MIDLAND AAF TAR RGE #18 / TX69799F657300	0	1	-	2110	\$0	\$206	\$0	\$3,223
MIDLAND AAF TAR RGE #19 / TX69799F656800	0	1	-	2105	\$0	\$130	\$0	\$3,489
MIDLAND AAF TAR RGE #20 / TX69799F656900	0	1	-	2123	\$0	\$133	\$0	\$3,463
MIDLAND AAF TAR RGE #21 / TX69799F657000	0	1	-	2109	\$0	\$147	\$0	\$3,225
MIDLAND AAF TAR RGE #22 / TX69799F657100	0	1	-	2098	\$0	\$138	\$0	\$3,224
MIDLAND AAF TAR RGE #4 / TX69799F658700	0	1	-	2028	\$0	\$70	\$0	\$3,403
MIDLAND AAF TAR RGE #5 / TX69799F658600	0	1	-	2012	\$0	\$70	\$0	\$179
MIDLAND AAF TAR RGE #7 / TX69799F658400	0	1	-	2027	\$0	\$70	\$0	\$3,535
MIDLAND AAF TAR RGE #8 / TX69799F658300	0	1	-	2097	\$0	\$130	\$0	\$3,223
MIDLAND AAF TAR RGE #9 / TX69799F658200	0	1	-	2118	\$0	\$132	\$0	\$3,131
MIDLAND AAF TAR RGE NO 1 / TX69799F658900	0	1	-	2112	\$0	\$203	\$0	\$3,223
MIDLAND AAF TAR RGE NO 3 / TX69799F658800	0	1	-	2112	\$0	\$203	\$0	\$3,223

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Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								
MIDLAND AAF TAR RGE NO 6 / TX69799F658500	0	1	-	2028	\$0	\$70	\$0	\$3,793
MIDLAND ARMY AIR FIELD / TX69799F659000	0	1	-	2099	\$0	\$208	\$0	\$1,490
MOVING SHOTGUN RANGE / TX69799FA33400	0	1	-	2012	\$0	\$0	\$0	\$179
NAVY AUXILIARY FIELD SITE NO.55 / TX69799F970100	0	1	-	2110	\$0	\$151	\$0	\$3,469
ORANGE PORT OF NAV SHIP STOR / TX69799F675300	3	1	2015	2009	\$738	\$159	\$160	\$0
PALACIOS AFB / TX69799F655600	0	1	-	2011	\$0	\$0	\$0	\$178
PAMPA ARMY AIRFIELD (K06TX016101) / TX69799F648700	0	1	-	2057	\$0	\$326	\$0	\$0
PANTEX ORDNANCE PLANT (TX TECH) / TX69799F655100	2	1	2015	2043	\$11,706	\$573	\$5,657	\$3,423
PECOS AAF / TX69799F671500	0	1	-	2021	\$0	\$0	\$0	\$2,933
PECOS AAF HIGH AUX FLD #1 / TX69799F671600	0	1	-	2012	\$0	\$0	\$0	\$179
PECOS AAF TOY AUX FLD #4 / TX69799F671800	0	1	-	2012	\$0	\$0	\$0	\$179
PERRIN AFB / TX69799F654900	5	0	2018	-	\$5,561	\$0	\$754	\$0
PYOTE AAF BOMB RGE #1 / TX69799F653800	0	1	-	2121	\$0	\$141	\$0	\$2,077
PYOTE AAF BOMB RGE #3 / TX69799F653600	0	1	-	2112	\$0	\$146	\$0	\$3,713
PYOTE AAF BOMB RGE #4 / TX69799F653500	0	1	-	2116	\$0	\$151	\$0	\$3,713
PYOTE AAF PRA BOM RGE #2 / TX69799F653700	0	1	-	2119	\$0	\$149	\$0	\$3,713
RODD FIELD / TX69799F804300	2	1	2009	2124	\$3,399	\$246	\$0	\$1,357
S PLAINS ARMY AIR FIELD / TX69799F652600	3	1	1997	2045	\$1,159	\$0	\$0	\$1,589
SAN ANGELO AAF PB NO. S-2 / TX69799FA21500	0	1	-	2029	\$0	\$75	\$0	\$3,759

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								
SAN ANGELO AAF PB NO. S-3 / TX69799FA21600	0	1	-	2030	\$0	\$0	\$0	\$4,200
SAN ANGELO AAF PB NO. S-5 / TX69799FA21800	0	1	-	2033	\$0	\$0	\$0	\$4,562
SAN ANGELO AAF PB NO. S-6 / TX69799FA21900	0	1	-	2026	\$0	\$75	\$0	\$4,005
SAN ANGELO AAF PB NO. S-8 / TX69799FA22100	0	1	-	2032	\$0	\$0	\$0	\$4,198
SAN ANGELO AAF PB NO. S-9 / TX69799FA22200	0	1	-	2028	\$0	\$0	\$0	\$4,411
SAN ANGELO ARMY AF / TX69799F652900	0	1	-	2032	\$0	\$0	\$0	\$5,843
SAN ANTONIO ARSENAL / TX69799F645100	0	1	-	2081	\$0	\$173	\$0	\$1,453
SAN JACINTO ORD DEPOT / TX69799F646600	0	2	-	2092	\$0	\$112	\$0	\$7,147
SCHOLES FIELD / TX69799F647500	1	1	2000	2085	\$210	\$181	\$1	\$2,454
WEBB AIR FORCE BASE / TX69799F645700	9	1	2012	2125	\$2,730	\$160	\$1,071	\$7,154

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Utah								
AIR FORCE								
SALT LAKE CITY INTERNATIONAL AIRPORT / UT857282592700	11	1	2012	2007	\$5,087	\$32	\$405	\$0
FORMERLY USED DEFENSE SITES								
BUCKHORN WASH UNDERGROUND EXPLOSIVE SITE NO. 8 / UT89799F502500	0	1	-	2010	\$0	\$9	\$0	\$125
BUSHNELL GENERAL HOSPITAL / UT89799F502000	2	0	2016	-	\$652	\$0	\$1,287	\$0
CLEARFIELD NAVAL SUPPLY DEPOT / UT89799F504000	1	0	2010	-	\$700	\$0	\$0	\$0
UTAH ORDNANCE PLANT / UT89799F503800	1	1	2019	2012	\$3	\$0	\$1,172	\$152
WENDOVER AIR FORCE AUXILIARY FIELD / UT89799F503900	3	1	2024	2010	\$4,407	\$159	\$1,799	\$0
WENDOVER BOMBING RANGE / UT89799F805200	3	1	2019	2010	\$1,689	\$208	\$5,587	\$0
WENDOVER SPECIAL WEAPONS BOMBING RANGE / UT89799F861000	4	1	2020	2009	\$1,537	\$136	\$643	\$0
YELLOW JACKET TARGET AREA / UT89799F825000	0	1	-	2026	\$0	\$6,116	\$0	\$6,817

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Vermont								
FORMERLY USED DEFENSE SITES								
BURLINGTON INT-L ARPT / VT19799F217100	1	1	1995	2026	\$97	\$0	\$0	\$1,532
LYNDONVILLE AIR FORCE STA / VT19799F216600	2	0	2012	-	\$1,221	\$0	\$767	\$0
ST ALBANS AFS Z-14 / VT19799F216900	3	0	2011	-	\$1,530	\$0	\$500	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Virgin Islands of the U.S.								
AIR FORCE								
VIRGIN ISLAND (ST CROIX) / VI000000000007	5	0	-	-	\$0	\$0	\$0	\$0
FORMERLY USED DEFENSE SITES								
BENEDICT FIELD / VI29799F418900	0	1	-	2073	\$0	\$228	\$0	\$6,913
BUCK ISLAND UNDERWATER DEMOLTN TRAIING FAC / VI29799F419500	0	1	-	2074	\$0	\$74	\$0	\$5,179
CAMP ACOSTA / VI29799F734100	1	0	2041	-	\$0	\$0	\$0	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Virginia								
ARMY								
CAMERON STATION / VA321022013900 / (1)	8	0	2021	-	\$6,460	\$0	\$741	\$0
FORT A P HILL / VA321022041600	19	5	1997	2012	\$3,442	\$248	\$0	\$1,477
FORT MYER / VA321022062600	7	1	2001	2010	\$3,729	\$43	\$846	\$0
FORT STORY / VA321372087500	12	2	2009	2014	\$5,910	\$190	\$576	\$5,575
VINT HILL FARMS STATION / VA321382093100 / (1) / (3)	37	0	2010	-	\$12,038	\$0	\$2,111	\$0
NAVY								
ARLINGTON HEADQUARTERS BATTALION / VA317302413500	1	0	2011	-	\$44	\$0	\$0	\$0
CHESAPEAKE NSGA NWEST / VA317002726600	4	1	2013	2010	\$2,530	\$120	\$190	\$0
CRANEY ISLAND FISC / VA317002758600	20	0	2028	-	\$23,188	\$0	\$1,719	\$0
NORFOLK NSY / VA317002481300 / (3)	32	0	2037	-	\$39,395	\$0	\$1,307	\$0
AIR FORCE								
CAMP PENDLETON MIL RESERVATION / VA000000000002	1	0	-	-	\$0	\$0	\$0	\$0
LANGLEY AIR FORCE BASE / VA357212447700	65	12	2010	2014	\$78,864	\$4,938	\$1,792	\$5,543
RICHMOND IAP BYRD FIELD / VA357282490400	6	0	2016	-	\$5,104	\$0	\$4,014	\$0
FORMERLY USED DEFENSE SITES								
BUCKROE BEACH / VA39799F789100	0	2	-	2010	\$100	\$1,704	\$0	\$489
CAMP WALLACE / VA39799F775800	1	1	1995	2019	\$42	\$1,090	\$0	\$6,995
FORT LEE / VA39799F776900	1	1	1999	2031	\$271	\$159	\$0	\$1,414
NAAS CREEDS / VA39799F775200	0	1	-	2034	\$0	\$153	\$0	\$3,362
OYSTER POINT STORAGE AREA / VA39799F157800	1	0	2016	-	\$886	\$0	\$1,828	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Virginia								
VIRGINIA ORDNANCE WORKS / VA39799F163700	1	2	2007	2020	\$789	\$550	\$0	\$257
WALLOPS FLIGHT FACILITY / VA39799F169700	2	0	2016	-	\$4,753	\$0	\$5,146	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Washington								
ARMY								
AMSA 137 / WA02104WA07900	1	0	2011	-	\$7,437	\$0	\$174	\$0
CAMP BONNEVILLE / WA021402011200	17	7	2002	2013	\$6,712	\$36,156	\$0	\$8,018
CAMP MURRAY / WA021185355500	0	1	-	2013	\$0	\$138	\$0	\$2,020
FORT LAWTON USAR COMPLEX / WA02104WA01300	13	3	1998	2010	\$0	\$3	\$0	\$0
VANCOUVER BARRACKS / WA021402092400	2	5	1999	2011	\$41	\$55	\$0	\$591
NAVY								
JIM CREEK NAVRADSTA / WA017002248900	10	1	2003	2011	\$785	\$115	\$0	\$0
KEYPORT NUWC / WA017002341900 / (1) / (2)	13	0	2036	-	\$34,633	\$0	\$8,835	\$0
PORT HADLOCK NOC PAC DIV DET / WA017002756800 / (1) / (3)	18	1	2021	2011	\$9,555	\$0	\$2,334	\$0
PUGET SOUND FISC BREMERTON / WA017002342600 / (1) / (3)	1	0	2036	-	\$21,297	\$0	\$2,577	\$0
PUGET SOUND FISC MANCHESTER / WA017002756000 / (1) / (2)	4	0	2021	-	\$526	\$0	\$169	\$0
PUGET SOUND NAVHOSP BREMERTON / WA017002726800 / (1) / (3)	1	1	2008	2036	\$0	\$4,110	\$0	\$5,900
PUGET SOUND NS / WA017002343000	11	0	2012	-	\$4,675	\$0	\$360	\$0
PUGET SOUND NS EVERETT / WA017002754800	5	0	2019	-	\$1,036	\$0	\$483	\$0
SPOKANE NMCRC / WA017002341400	1	0	2011	-	\$151	\$0	\$0	\$0
AIR FORCE								
CAMP MURRAY AIR GUARD STATION / WA057282882800	11	0	1999	-	\$238	\$0	\$0	\$0
MCCHORD AIR FORCE BASE / WA057182420000 / (1) / (3)	65	6	2044	2015	\$27,118	\$1,168	\$2,894	\$0
PAINE FIELD / WA057282426800	10	0	1999	-	\$948	\$0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

Washington

SEATTLE AIR GUARD STATION / WA057282592900	2	0	2006	-	\$1,683	\$0	\$0	\$0
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FORMERLY USED DEFENSE SITES

AIR FORCE PLANT NO 75 / WA09799F321700	0	1	-	-	\$0	\$20	\$0	\$0
BAXTER OUTLYING FIELD (7) / WA09799FA22900	0	1	-	2038	\$0	\$0	\$0	\$3,422
COYOTE OUTLYING FIELD (19) / WA09799FA23900	0	1	-	2039	\$0	\$0	\$0	\$3,461
EPHRATA PATTERN BOMBING RANGE / WA09799F933000	0	1	-	2041	\$0	\$137	\$0	\$4,664
FAIRCHILD DEF NIKE 87 / WA09799F328000	1	0	2012	-	\$188	\$0	\$86	\$0
HUMORIST OUTLYING FIELD (17) / WA09799FA23700	0	1	-	2032	\$0	\$0	\$0	\$3,455
LARSON AFB TITAN I MISSILE FACILITY S-1 / WA09799F331800	2	0	2018	-	\$207	\$0	\$2,997	\$0
LARSON AIR FORCE BASE / WA09799F331700	3	0	2012	-	\$19,478	\$0	\$302	\$0
NAV STATION TODD-TACOMA / WA09799F345500	1	0	2012	-	\$299	\$0	\$52	\$0
NAVAL SECURITY GROUP MARIETTA RADIO DIRECTION FF / WA09799FA22600	1	0	2010	-	\$967	\$0	\$150	\$0
PORT ANGELES COMBAT RANGE / WA09799F318400	0	1	-	2035	\$0	\$157	\$0	\$9,644
WHEATLAND OUTLYING FIELD (8) / WA09799FA23000	0	1	-	2036	\$0	\$0	\$0	\$3,994

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP

West Virginia

NAVY

SUGAR GROVE NSGA / WV317002754000	3	0	2011	-	\$0	\$0	\$0	\$0
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AIR FORCE

EWVRA SHEPHERD FIELD (MARTINSBURG) / WV357282845500	5	0	1998	-	\$1,667	\$0	\$0	\$0
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FORMERLY USED DEFENSE SITES

MARSHALL ARMY CHEMICAL PLANT / WV39799F348000	1	0	2015	-	\$358	\$0	\$284	\$0
US EXPLOSIVES PLANT C / WV39799F789200	1	1	2014	2004	\$671	\$15	\$237	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-7 IRP/MMRP Status of Installations with FY10 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Wisconsin								
AIR FORCE								
TRUAX FIELD / W1557282424700	9	0	2007	-	\$1,681	\$0	\$416	\$0
VOLK FIELD AIR GUARD BASE / W1557282587700	17	13	2011	2018	\$4,007	\$3,137	\$524	\$1,198
FORMERLY USED DEFENSE SITES								
ANTIGO AIR FORCE STATION / W159799F245900	3	0	2016	-	\$3,169	\$0	\$7,640	\$0
CAMP HAVENS AAA FIRING RANGE / W159799F812900	2	1	1998	2032	\$10	\$146	\$0	\$7,557
EDIT BEA AA TRG CEN / W159799F247000	0	1	-	2032	\$0	\$213	\$0	\$6,242
NIKE M-96 HAVENWOODS NATURE PRESERVE / W159799F685000	1	0	2019	-	\$555	\$0	\$8,474	\$0
NIKE SITE M-42 / W159799F685100	1	0	2010	-	\$173	\$0	\$25	\$0
NIKE SITE M-64 / W159799F685400	2	0	2014	-	\$425	\$0	\$2,487	\$0
NIKE SITE M-86 / W159799F685600	3	0	2016	-	\$266	\$0	\$2,257	\$0

Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY09 (\$000)		FY10 to Completion Cost Estimate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Wyoming								
AIR FORCE								
SUNDANCE AIR FORCE STATION / WY857212464401	1	0	2011	-	\$2,275	\$0	\$1,385	\$0
FORMERLY USED DEFENSE SITES								
CASPER AIR TO GROUND GUN RGE / WY89799F087100	0	1	-	2057	\$0	\$120	\$0	\$8,038
CASPER GRO GUN RGE / WY89799F087200	0	1	-	2057	\$0	\$99	\$0	\$5,026
CASPER PRE BOMB RGE NO 1 / WY89799F087300	0	1	-	2056	\$0	\$101	\$0	\$2,160
CASPER PRE BOMB RGE NO 3 / WY89799F087500	0	1	-	2056	\$0	\$81	\$0	\$2,160
FE WAR AFB AF FAC S-6 / WY89799F091200	2	0	2014	-	\$802	\$0	\$5,793	\$0
FE WAR AFB AF FAC SITE 5 / WY89799F090900	1	0	2014	-	\$1,405	\$0	\$5,209	\$0
FE WARREN AFB FAC SITE 7 / WY89799F086300	2	0	2017	-	\$809	\$0	\$2,888	\$0
FORT FRANCIS E. WARREN TAR & MANEUVER RGE / WY89799F091000	0	1	-	2057	\$0	\$89	\$0	\$5,304

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alabama				
ARMY				
AFRC BIRMINGHAM / AL42104AL00500	4	0	\$0	\$0
AFRC CULLMAN / AL4210429A1600	5	0	\$0	\$0
AFRC GADSDEN / AL4210429A2700	3	0	\$0	\$0
COOSA RIVER STORAGE ANNEX / AL421002023100	2	0	\$0	\$0
PHOSPHATE DEVELOPMENT WORKS / AL421382070300	28	0	\$636	\$0
USARC ABBEVILLE / AL4210429A0100	4	0	\$0	\$0
USARC ANNISTON / AL4210429A0300	3	0	\$0	\$0
USARC BELTLINE / AL4210429A1700	5	0	\$0	\$0
USARC BIRMINGHAM 01 / AL421042143800	14	0	\$0	\$0
USARC BIRMINGHAM 02 / AL421042GA0800	1	0	\$0	\$0
USARC CROPWELL (ASF 155) / AL4210429A2200	9	0	\$0	\$0
USARC DOTHAN / AL4210429A1L00	2	0	\$0	\$0
USARC ELBA / AL4210429A2000	4	0	\$0	\$0
USARC ENTERPRISE / AL4210429A2100	3	0	\$0	\$0
USARC FOLEY / AL4210429A2300	1	0	\$0	\$0
USARC FORT RUCKER (ASF 157) / AL4210429A2500	6	0	\$0	\$0
USARC FORT RUCKER (ECS 143) / AL4210429AG100	10	0	\$0	\$0
USARC GADSDEN / AL4210429A2800	5	0	\$0	\$0
USARC HOLT / AL4210429A3300	1	0	\$0	\$0
USARC HUNTSVILLE (PATTON RD) / AL4210429A3200	11	0	\$0	\$0
USARC JASPER / AL4210429A3800	3	0	\$0	\$0
USARC LINCOLN (TALLADEGA) / AL4210429A5800	6	0	\$0	\$0
USARC MARION, AL / AL4210429A4100	3	0	\$0	\$0
USARC MOBILE (WRIGHT) / AL421042059500	12	0	\$0	\$0
USARC MONTGOMERY (MONIAC) / AL421042290200	10	0	\$0	\$0
USARC MONTGOMERY (SCREWS) / AL4210429A4900	3	0	\$0	\$0
USARC OPELIKA / AL4210429A5200	2	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alabama				
USARC OPP / AL4210429A5400	2	0	\$0	\$0
USARC SHEFFIELD / AL4210429A5000	5	0	\$0	\$0
USARC TROY / AL4210429A6000	2	0	\$0	\$0
USARC TUSCALOOSA / AL4210429A6100	9	0	\$0	\$0
USARC TUSKEGEE / AL4210429A6700	2	0	\$0	\$0
AIR FORCE				
BIRMINGHAM INTERNATIONAL AIRPORT / AL457282591700	12	0	\$3,868	\$0
DANNELLY FIELD / AL457282591900	3	0	\$1,166	\$0
MONTGOMERY AIR NATIONAL GUARD STATION / AL457282418500	3	0	\$346	\$0
FORMERLY USED DEFENSE SITES				
AL DRYDOCK & SHIPBLDG CO / AL49799F422200	1	0	\$44	\$0
BARIN NAVAL AIR STATION / AL49799F432000	1	0	\$995	\$0
BATES AAF MUN AP AUTH / AL49799F422600	1	0	\$88	\$0
CWS MIXING PLANT NO 2 / AL49799F422700	0	1	\$0	\$34
GADSDEN AAF STORAGE DEPOT / AL49799F421100	2	0	\$940	\$0
GUNTER AIR FORCE STATION / AL49799F423900	1	0	\$537	\$0
MOTON FIELD (TUSKEGEE INSTITUTE) / AL49799FA13400	1	0	\$319	\$0
MOUNT VERNON BARRACKS / AL49799F785500	0	1	\$0	\$64
SOUTHERN AIRWAYS / AL49799F786300	1	0	\$84	\$0
THEODORE AMMO-AL STATE DO / AL49799F421700	3	1	\$70	\$45
THOMASVILLE COM FAC ANNEX / AL49799F422400	1	0	\$339	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alaska				
ARMY				
CAMP CARROLL TRAINING CENTER / AK021180204500	6	0	\$0	\$0
GERSTLE RIVER TEST SITE / AK021452234200	5	0	\$1,560	\$0
NG ATMAUTLUAK ARMORY / AK021180246100	0	2	\$0	\$116
NG BREVIG MISSION ARMORY / AK021180266300	0	2	\$0	\$148
NG ELIM ARMORY / AK021180250500	0	5	\$0	\$287
NG GAMBELL ARMORY / AK021180251400	0	8	\$0	\$462
NG KOTLIK ARMORY / AK021180254900	1	6	\$0	\$398
NG LITTLE DIOMEDE ARMORY / AK021180257100	0	1	\$0	\$94
NG MEKORYUK ARMORY / AK021180258100	0	1	\$0	\$98
NG SHAKTOOLIK ARMORY / AK021180264500	0	2	\$0	\$144
NG ST MICHAEL ARMORY / AK021180265500	0	1	\$0	\$94
NG TELLER ARMORY / AK021180266100	0	3	\$0	\$225
NG UNALAKLEET ARMORY / AK021180267900	0	1	\$0	\$95
NG WALES ARMORY / AK021180268500	2	4	\$0	\$272
NAVY				
CAPE PRINCE WALES NCCOSC / AK017002755000	3	0	\$5,886	\$0
ST LAWRENCE NCCOSC / AK017002757200	4	0	\$5,998	\$0
TIN CITY NCCOSC / AK017002757300	1	0	\$1,269	\$0
AIR FORCE				
BARTER ISLAND / AK057302861800	21	0	\$20,251	\$0
BEAVER CREEK RADIO RELAY STATION / AK057302862100	2	0	\$135	\$0
BULLEN POINT / AK057302865200 / (3)	9	0	\$7,364	\$0
CANYON CREEK RADIO RELAY STATION / AK057302862900	6	0	\$104	\$0
CHENA RIVER / AK057302863600	2	0	\$1,869	\$0
COLD BAY LONG RANGE RADAR SITE / AK057302863900 / (1) / (3)	5	0	\$5,933	\$0
GOLD KING CREEK RADIO RELAY SITE / AK057302865800	3	0	\$112	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alaska				
FORMERLY USED DEFENSE SITES				
KENAI AIRPORT / AK057302864902	1	0	\$0	\$0
KOTZEBUE LONG RANGE RADAR SITE / AK057302874200 / (3)	21	2	\$14,117	\$462
PILLAR MOUNTAIN RADIO RELAY STATION / AK057302869600	1	0	\$470	\$0
PORT MOLLER / AK057302869900	5	0	\$0	\$0
TED STEVENS INTERNATIONAL AIRPORT / AK057282867400	2	0	\$1,187	\$0
TIN CITY LONG RANGE RADAR SITE / AK057302871200	15	0	\$3,905	\$0
FORMERLY USED DEFENSE SITES				
AKUTAN / AK09799F250800 / (3)	2	0	\$10,219	\$0
AM RIVER AIR BASE / AK09799F708100	1	0	\$1,148	\$0
ANCHORAGE ACS STO ANX / AK09799F701000	1	0	\$45	\$0
ANVIL MOUNTAIN AWS / AK09799F988400	1	0	\$0	\$0
BADGER RD (ARC SUR YD) / AK09799F299300	1	0	\$351	\$0
BARROW LANDFILL / AK09799FA22700	1	0	\$5	\$0
BARTER ISLAND DEW STATION / AK09799F900800	1	0	\$6	\$0
BETHEL ARPT / AK09799F700200	4	0	\$6,157	\$0
BRUHN PT. (KODIAK ISL) / AK09799F299700	1	0	\$1,159	\$0
CAPE CHINIAK TRACK STA / AK09799F276700	3	0	\$9,996	\$0
CAPE NOME ACS / AK09799F277900	3	0	\$1,120	\$0
CAPE PRINCE WALES AWS / AK09799F256400	3	0	\$3,882	\$0
CAPE RODNEY (MIL SITE) / AK09799F278000	3	0	\$355	\$0
CAPE SABINE DEW(LIZ-A) / AK09799F249300	2	0	\$199	\$0
CAPE SIMPSON DEW-POW A / AK09799F251100	3	0	\$5,325	\$0
CAPE THOMPSON NAV SITE / AK09799F249200	3	0	\$864	\$0
CHUGACH MTS-SHIP CREEK / AK09799F295000	1	0	\$57	\$0
CORDOVA AF / AK09799F257400	1	0	\$267	\$0
CRAIG ACS SITE / AK09799F257500	2	0	\$709	\$0
DEMARCATON BAY DEW / AK09799F250100	3	0	\$790	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alaska				
DRIFTWOOD BAY RR STA / AK09799F250600	1	0	\$1,753	\$0
ELSON LAGOON / AK09799F251000	1	0	\$1,648	\$0
FAIRBANKS AACS AND ACS / AK09799F709600	1	0	\$0	\$0
FORT BABCOCK, SITKA / AK09799F697200	1	0	\$75	\$0
FORT RAY / AK09799F282100	1	0	\$0	\$0
FORT ROUSSEAU, SITKA / AK09799F696900	1	0	\$63	\$0
FT SMITH/LITTLE NS / AK09799F277000	3	0	\$2,840	\$0
FT TIDBALL/LONG ISL / AK09799F276800	3	0	\$4,976	\$0
GAMBELL / AK09799F298200 / (1)	3	1	\$5,469	\$1,441
GERSTLE RIVER EXPANSION AREA / AK09799F869500	1	1	\$4,812	\$1,416
GRIFFIN POINT DEW / AK09799F249900	2	0	\$1,912	\$0
GULKANA PREP & ARMY / AK09799F280100	1	1	\$118	\$60
GUSTAVUS ARPT / AK09799F260600	1	0	\$8,858	\$0
HAINES MILITARY CUTOFF ROAD / AK09799F295800	1	0	\$1,501	\$0
ICY CPE DEW STA(LIZ-B) / AK09799F249400	3	0	\$4,431	\$0
JUNIPER CK FUEL DUMP / AK09799F708700	1	0	\$349	\$0
KODIAK CG SUP CNTR / AK09799F299400	1	0	\$0	\$0
KODIAK NAVY/ARMY / AK09799F913300 / (3)	9	0	\$45,702	\$0
KOUGAROK AFB / AK09799F263200	3	0	\$401	\$0
KRUSENSTERN RR ANX / AK09799F252500	3	0	\$804	\$0
LAVA LK WEATHER STA / AK09799F255100	3	0	\$630	\$0
MCINTYRE DEW STA(POW C / AK09799F251300	1	0	\$12	\$0
MOSES POINT GARRISON / AK09799F265200	3	0	\$7,006	\$0
MT.EDGEUMBE/SITKA NOB / AK09799F292800	2	0	\$12,966	\$0
NIKE SITE JIG / AK09799F709400	1	0	\$21	\$0
NIKE SITE LOVE / AK09799F709500	1	0	\$20	\$0
NORTH RIVER RRS ANX / AK09799F252700	3	0	\$2,461	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Alaska				
NORTHWAY STAGING FLD / AK09799F282000	3	0	\$12,814	\$0
OHLSON MT / AK09799F709700	2	0	\$457	\$0
PEARD BAY DEW (LIZ-C) / AK09799F249500	3	0	\$2,453	\$0
PEDRO DOME / AK09799F298500	3	0	\$2,288	\$0
POINT BARROW RADIO STA / AK09799F291000	1	0	\$0	\$0
PORT CLARENCE LORAN ST / AK09799F708600	1	0	\$366	\$0
PORT MOLLER / AK09799F251800	3	0	\$10,095	\$0
SEMISOPOCHNOI ISL / AK09799F269800	1	0	\$375	\$0
SITKINAK ISL RADIO REL / AK09799F277500	1	0	\$38	\$0
SKULL CLIFF LORAN ANNEX DEW / AK09799F270500	2	0	\$206	\$0
SLEDGE ISLAND / AK09799F297700	1	0	\$21	\$0
ST PAUL/ST GEORGE / AK09799F710100	1	0	\$31	\$0
TELLER SUPPLY / AK09799F272100	1	0	\$404	\$0
TOK (ACS RADIO RELAY) / AK09799F272200	1	0	\$547	\$0
WALSETH AFB.MCGRATH / AK09799F273500	2	0	\$641	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
American Samoa				
◆ FORMERLY USED DEFENSE SITES				
AUA FUEL FARM / AS99799F371700	2	0	\$1,095	\$0
UTULEI STOR TANK / AS99799F371600	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Arizona				
◆ ARMY				
CAMP NAVAJO / AZ921180401000 / (2)	62	2	\$23,930	\$181
FLORENCE MILITARY RESERVATION / AZ921180408000	5	0	\$197	\$0
PHOENIX USARC #2 / AZ921046BA0700	1	0	\$0	\$0
SAFFORD TS / AZ9211804B6000	1	0	\$385	\$0
USARC DOUGLAS / AZ921046BA0200	2	0	\$8	\$0
USARC PHOENIX / AZ921042068600	13	0	\$0	\$0
USARC TUCSON / AZ921042090200	3	0	\$0	\$0
◆ NAVY				
CHOCOLATE MOUNTAIN AGR / AZ917305395300	7	0	\$0	\$0
FLAGSTAFF NOS / AZ017002385300	2	0	\$0	\$0
SENTINEL NCCOSC / AZ917002755500	3	0	\$196	\$0
◆ FORMERLY USED DEFENSE SITES				
AVRA AIR FORCE AUX FIELD #4 / AZ99799F506800	0	1	\$0	\$0
AZTEC GROUND GUNNERY RANGE #4 / AZ99799F506900	0	1	\$0	\$0
BUCKEYE NATIONAL GUARD TAR RGE / AZ99799F507100	0	1	\$0	\$154
CAMP BOUSE RAILHEAD / AZ99799F507400	0	1	\$0	\$0
COLFRED GROUND GUNNERY RANGE#2 / AZ99799F507900	0	1	\$0	\$0
COLORADO RIVER WAR RELOCATION / AZ99799FA38000	1	0	\$13	\$0
CORONADO AUXILIARY FIELD #3 / AZ99799F508200	0	1	\$0	\$0
COVERED WELLGAP FIL AX TM181B / AZ99799F508300	1	0	\$56	\$0
FLORENCE AF AUXILIARY FACILITI / AZ99799F511100	0	1	\$0	\$0
GILBERT AF AUXILIARY FIELD / AZ99799F511700	0	1	\$0	\$0
HACKBERRY AUXILIARY FIELD #3 / AZ99799F512000	0	1	\$0	\$0
HILLSIDE GAP FILLER ANNEX M98B / AZ99799F512200	1	0	\$173	\$0
LAKE HAVASU AUXILIARY FIELD #6 / AZ99799F512700	0	1	\$0	\$0
LUKE AF AUXILIARY FIELD #2 / AZ99799F512900	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Arizona				
MARANA ARMY AIRFIELD / AZ99799F514400	1	0	\$176	\$0
MCNEAL AUXILIARY FIELD #1 / AZ99799F514800	0	1	\$0	\$0
MODIFICATION CENTER NO. 2 / AZ99799F506300	1	0	\$1	\$0
NAVAL AIR STATION LITCHFIELD / AZ99799F50510C	3	0	\$9,116	\$0
PAPAGO PARK MANEUVER AREA / AZ99799F515700	0	1	\$0	\$0
PAPAGO PARK POW CAMP / AZ99799F515800	0	1	\$0	\$0
PRISONER OF WAR CAMP (ELOY I) -ARMY / AZ99799FA42100	1	0	\$251	\$0
RILLITO AUXILIARY FIELD #2 / AZ99799F516300	0	1	\$0	\$0
SAHUARO AUX FIELD #5 / AZ99799F516600	0	1	\$0	\$0
SELLS GAP FIL AX M92A / AZ99799F516800	1	0	\$134	\$0
SIGNAL AUXILIARY FIELD #7 / AZ99799F516900	0	1	\$0	\$0
TACNA GAP FILLER ANNEX Z162A / AZ99799F517400	1	0	\$41	\$0
TOPOCK AUX FIELD #5 / AZ99799F517800	0	1	\$0	\$0
TOPOCK GAP FIL AX SM162H / AZ99799F517900	1	0	\$22	\$0
TUCSON RIFLE CLUB / AZ99799FA44800	0	1	\$0	\$134
WEBB AUXILIARY FIELD #3 / AZ99799F518200	0	1	\$0	\$0
WILLI FD BOMB TAR RGE #14 / AZ99799F519000	0	1	\$0	\$133
WILLI FD BOMB TAR RGE #16 / AZ99799F519200	0	1	\$0	\$0
WILLI FD BOMB TAR RGE #18 / AZ99799F519400	0	1	\$0	\$0
WILLI FD BOMB TAR RGE #24 / AZ99799F519800	0	1	\$0	\$0
WILLIAM FIELD BOMB TAR RGE #15 / AZ99799F519100	0	1	\$0	\$0
WILLIAM FIELD BOMB TAR RGE #17 / AZ99799F519300	0	1	\$0	\$0
WILLIAM FIELD BOMB TAR RGE #21 / AZ99799F519600	0	1	\$0	\$0
WILLIAMS FIELD BOMB TAR RGE #6 / AZ99799F520200	0	1	\$0	\$2,741
WILLIAMS FIELD BOMB TARGET RANGE 1A / AZ99799FA31600	0	1	\$0	\$0
WINSLOW AF STATION Z-93 / AZ99799F520600	1	0	\$518	\$0
YUMA AUXILIARY FIELD NO 1 / AZ99799F521100	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Arkansas				
ARMY				
AFRC NORTH LITTLE ROCK (PIKE) / AR621045HA3300	8	0	\$0	\$0
FORT CHAFFEE / AR621372018700 / (1)	34	1	\$29,766	\$0
FORT CHAFFEE MANEUVER TRAINING CTR / AR621182018700 / (3)	21	0	\$1,112	\$0
SAMUEL STONE JR USARC / AR62104AR03100	6	0	\$0	\$0
USARC ARKADELPHIA / AR621045OA1900	1	0	\$0	\$0
USARC BLYTHEVILLE / AR621045HA4000	1	0	\$0	\$0
USARC CAMDEN / AR621045HA0100	10	0	\$0	\$0
USARC CONWAY / AR621045VA2400	10	0	\$0	\$0
USARC EL DORADO (02) / AR621045HA0900	1	0	\$0	\$0
USARC ELDORADO (GARRETT) / AR621045SA2300	5	0	\$0	\$0
USARC FAYETTEVILLE / AR621045BA0400	5	0	\$0	\$0
USARC FORT CHAFFEE (1368) / AR621045HA1000	1	0	\$0	\$0
USARC FORT CHAFFEE (241) / AR621045HA0300	1	0	\$0	\$0
USARC FORT CHAFFEE (2465) / AR621045HA0500	3	0	\$0	\$0
USARC FORT CHAFFEE (ECS 15) / AR621045HA1700	14	0	\$0	\$0
USARC FORT CHAFFEE (NCO ACADEMY) / AR621045HA2900	5	0	\$0	\$0
USARC FORT SMITH / AR6210450A2000	1	0	\$0	\$0
USARC HARRISON / AR621045VA2500	9	0	\$0	\$0
USARC HOT SPRINGS / AR621045VA2600	8	0	\$0	\$0
USARC JONESBORO / AR621045HA0800	7	0	\$0	\$0
USARC LITTLE ROCK (ASF 19) / AR621045HA1800	4	0	\$0	\$0
USARC LITTLE ROCK (FINKBEINER) / AR621042120500	5	0	\$0	\$0
USARC LITTLE ROCK (TERRY) / AR621045ZA2700	2	0	\$0	\$0
USARC NASHVILLE, AR / AR6210450A2200	1	0	\$0	\$0
USARC RUSSELLVILLE / AR621045HA3900	1	0	\$0	\$0
USARC TEXARKANA 01 / AR621045VA2800	3	0	\$0	\$0
USARC TEXARKANA 02 / AR621045HA1500	2	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Arkansas				
USARC WEST MEMPHIS / AR621045HA4200	2	0	\$0	\$0
AIR FORCE				
HOT SPRINGS MEMORIAL AIRPORT / AR657282852100	2	0	\$395	\$0
FORMERLY USED DEFENSE SITES				
CAMDEN AUXILIARY AIRFIELD / AR69799F612100	1	0	\$51	\$0
EL DORADO ARMY AIRFIELD / AR69799F605400	1	0	\$29	\$0
HOT SPRINGS ARMY-NAVY HOSPITAL / AR69799F607300	1	0	\$87	\$0
LITTLE ROCK COM TRA SITE / AR69799F608900	1	0	\$31	\$0
MAUMELLE ORDNANCE WORKS / AR69799F604900	0	1	\$0	\$158
SECOND ARMY AMMUNITION DEPOT / AR69799F799900	0	1	\$0	\$1
STUTTGART AIRFIELD / AR69799F605100	1	2	\$26	\$1,106
TEXARKANA AFS Z-91 / AR69799F608400	1	0	\$95	\$0
WAL RIDGE AAF & POW CAMP / AR69799F606400	1	0	\$33	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
ARMY				
CAMP ROBERTS SATCOM / CA921402282300	1	0	\$0	\$0
EAST FORT BAKER / CA921402005500	10	0	\$4,368	\$0
EL MONTE USARC / CA921042123500	5	0	\$0	\$0
FORT HUNTER LIGGETT BRAC / CA921402043600	0	1	\$0	\$2
FRESNO AFRC / CA921042370200	4	0	\$0	\$0
GARDEN GROVE USARC / CA921042293000	5	0	\$0	\$0
HAMILTON ARMY AIRFIELD / CA921402303800 / (2)	21	1	\$36,960	\$0
HF RADIO RECEIVER, SANTA ROSA / CA921082228800	3	0	\$0	\$0
LOMPOC BRANCH DISCIPLINARY BARRACKS / CA921402101200	8	1	\$6,094	\$0
MARINA USARC/OMS/AMSA 12 S-S / CA921042361200	10	0	\$0	\$0
MTC-H CAMP ROBERTS / CA921180637500	48	1	\$4,926	\$142
NG HAMMER FIELD / CA921180615500	1	0	\$0	\$0
PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400	1	0	\$0	\$0
PRESIDIO OF MONTEREY / CA921372060600 / (1)	13	0	\$3,917	\$0
PRESIDIO OF SAN FRANCISCO / CA921402079100	60	1	\$128,036	\$0
QUINONES AFRC / CA92104CA02100	1	0	\$26	\$0
RIO VISTA RESERVE TRAINING AREA / CA921406GB8500	13	0	\$6,773	\$0
ROARK HALL USARC/AMSA 29(G) / CA921046BB0500	9	0	\$0	\$0
THRALL HALL USARC / CA921042256700	5	0	\$0	\$0
USARC BELL (AMSA 15) / CA92104CA13400	22	0	\$0	\$0
USARC CHICO / CA9210461B0600	5	0	\$0	\$0
USARC CLOVIS / CA9210461B0700	1	0	\$0	\$0
USARC FRESNO (AMSA 14-G) / CA921042100600	11	0	\$0	\$0
USARC LONG BEACH / CA921042226300	7	0	\$0	\$0
USARC LOS ANGELES 01 / CA92104CA09500	5	0	\$0	\$0
USARC LOS ANGELES 02 / CA921042053100	5	0	\$0	\$0
USARC MODESTO / CA921042213600	1	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
USARC MOUNTAIN VIEW / CA921042173400	9	0	\$0	\$0
USARC NORCO / CA921042305700	3	0	\$0	\$0
USARC OAKLAND (HEROIC WAR DEAD) / CA921042288800	1	0	\$932	\$0
USARC PASADENA, CA / CA921042055700	5	0	\$0	\$0
USARC SAN JOSE (AMSA 12) / CA921042079500	8	0	\$0	\$0
USARC SAN PABLO / CA921042157500	12	0	\$0	\$0
USARC SANTA ANA / CA921042264100	5	0	\$0	\$0
USARC SANTA BARBARA / CA921046BB6200	5	0	\$0	\$0
USARC SANTA ROSA / CA921042280700	5	0	\$0	\$0
USARC SUNNYVALE / CA921046GB7200	1	0	\$0	\$0
USARC VALLEJO / CA921042211100	2	0	\$0	\$0
USARC VAN NUYS / CA92104CA09200	4	0	\$0	\$0
VAN DEMAN HALL USARC / CA921042242700	3	0	\$0	\$0
VAN NUYS MAINTENANCE SHOP / CA921042123600	1	0	\$0	\$0
WILKSON HALL USARC / CA921042199100	9	0	\$0	\$0
NAVY				
CORONA NOC NWAD / CA917002471200	2	0	\$0	\$0
DALY CITY EFA WEST / CA917002469600	1	0	\$53	\$0
LOS ANGELES NMCRC / CA917002316600	1	0	\$983	\$0
MONTEREY NPGS / CA917002229800	3	0	\$1,390	\$0
NORTH IS NADEP / CA917009999900	1	0	\$0	\$0
OAKLAND FISC / CA917002477600 / (1) / (3)	28	0	\$14,771	\$0
OAKLAND NAVMEDCOM NWREG / CA917002725400	1	0	\$0	\$0
POMONA NIROP / CA917002309800	3	0	\$0	\$0
SAN DIEGO FASWTC PAC / CA917002429000	6	0	\$1,164	\$0
SAN DIEGO FCTC PAC / CA917002437800	1	0	\$8,020	\$0
SAN DIEGO NAVMEDCTR / CA917002314400	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
SAN NICOLAS ISLAND OLF / CA917002464000	15	0	\$6,599	\$0
WARNER SPRINGS SERE CAMP / CA917002752800	1	0	\$1,081	\$0
AIR FORCE				
AIR FORCE PLANT 70 / CA957172532300	12	0	\$0	\$0
COSTA MESA AIR GUARD STATION / CA957282463800	1	0	\$0	\$0
MOUNT DISAPPOINTMENT RADIO RELAY STATION / CA957282963200	4	0	\$163	\$0
ONIZUKA AIR FORCE BASE / CA957112573600	5	0	\$139	\$0
POINT ARENA AIR FORCE STATION / CA957212428000	4	0	\$1,145	\$0
FORMERLY USED DEFENSE SITES				
(CAFS) FAMILY HOUSING / CA99799F694000	1	0	\$12	\$0
ACCESS ROAD FOR EL CENTRO ROCKET TARGETS / CA99799F754100	0	1	\$0	\$0
AF PLANT #14 / CA99799F530400	2	0	\$1,640	\$0
AGF&ASF REDISTRIB STA / CA99799F535300	0	1	\$0	\$0
AIR FORCE PLANT #16 (NASA) / CA99799F530500	1	0	\$2	\$0
ALLEN AUX FIELD #3 / CA99799F535500	0	1	\$0	\$0
AMPHIBIOUS TRAINING BASE / CA99799F688500	1	1	\$301	\$0
ARMY-NAVY DISTRIBUTING CENTER / CA99799F569600	1	0	\$15	\$0
AZUSA DUMP SITE OWL 4X PL / CA99799F524300	1	1	\$421	\$68
BALLICO AUXILIARY FIELD NO. 2 / CA99799F569700	1	0	\$3	\$0
BANNING PARK CAMP / CA99799F536100	0	1	\$0	\$0
BAYWOOD PARK TRAINING AREA / CA99799F524700	0	1	\$0	\$888
BEALE AFB TITAN 1-B / CA99799F569800	3	0	\$1,337	\$0
BISHOP AIRPORT / CA99799F570000	1	0	\$173	\$0
BOMBING TARGETS IMPERIAL DUNES / CA99799F753700	0	1	\$0	\$0
BORON AIR FORCE STATION Z-59 / CA99799F537400	2	0	\$197	\$0
CADIZ LAKE SONIC TARGET #1 / CA99799F537900	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
CALIF WING CIVIL AIR PATROL / CA99799F539000	0	1	\$0	\$0
CALISTOGA RADIO BEACON ANNEX / CA99799F570400	1	0	\$13	\$0
CAMBRIA AIR FORCE STATION / CA99799F539100	1	0	\$282	\$0
CAMP ASHBY / CA99799F570600	1	0	\$15	\$0
CAMP CACTUS / CA99799F539300	1	0	\$122	\$0
CAMP DUNLAP / CA99799F526700	1	0	\$247	\$0
CAMP GRANITE / CA99799F813200	0	1	\$0	\$0
CAMP IBIS (CAMA) / CA99799F540200	0	1	\$0	\$2,718
CAMP IRWIN / CA99799FA01300	0	1	\$0	\$0
CAMP MANZANAR / CA99799F743900	1	0	\$292	\$0
CAMP MIRAMAR / CA99799F571100	1	0	\$27	\$0
CAMP PINEDALE / CA99799F571300	1	1	\$458	\$20
CAMP ROBERTS / CA99799F691900	2	0	\$8	\$0
CAMP SEELEY / CA99799F540600	0	1	\$0	\$0
CAMP SEELEY ORD TRG CENTER / CA99799F540900	0	1	\$0	\$0
CAMP SEELEY ORDNANCE PROV GRD / CA99799F540800	0	1	\$0	\$0
CAMP SHAFTER / CA99799F541000	0	1	\$0	\$0
CAMP VISTA- ARMY / CA99799FA06500	0	1	\$0	\$184
CAMPBELL AUXILIARY FIELD NO. 4 / CA99799F571600	2	0	\$0	\$0
CANOVA AVE FACILITY (AFP#56) / CA99799F530700	2	0	\$544	\$0
CASTLE AFB COMMUNICATIONS ANNEX / CA99799F528300	1	0	\$151	\$0
CASTLE AFB RADIO BEACON ANNEX / CA99799F572000	1	0	\$13	\$0
CATALINA TRAINING BASE / CA99799FA23400	1	0	\$390	\$0
CHELI AFS / CA99799F531400	1	0	\$0	\$0
CHEMEHUEVI INDIAN RESERVATION / CA99799FA32400	0	1	\$0	\$0
CHINA BEACH BIVOUAC AREA / CA99799F572500	1	0	\$0	\$0
CHINO PRISONER OF WAR CAMP - ARMY / CA99799FA38400	0	1	\$0	\$60

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
COAST ARTILLERY CAMP / CA99799F997600	0	1	\$0	\$0
CORN SPRINGS GAP FILLER ANNEX SM-16 / CA99799FA50700	1	0	\$2	\$0
CORONA ANNEX / CA99799F599900	0	1	\$0	\$69
COYOTE WELLS GAP FIL AX P76B / CA99799F542200	1	0	\$185	\$0
CP ROSS / CA99799F540500	0	1	\$0	\$0
DEL NORTE COUNTY AIRPORT / CA99799F574000	1	0	\$4	\$0
DESERT CENTER DIVISION CAMP / CA99799F542800	0	1	\$0	\$0
DESERT CNTR ARPT / CA99799F542700	1	0	\$15	\$0
DEWITT GENERAL HOSPITAL / CA99799F573100	2	0	\$460	\$0
DUNLOP AUXILIARY FIELD / CA99799F537500	0	1	\$0	\$0
EAGLE ARMY AIRFIELD / CA99799F573400	4	0	\$835	\$0
EDWARDS AFB PROJ ROUND UP / CA99799F543300	0	1	\$0	\$0
EL CENTRO MARINE CORPS AIR STATION / CA99799FA07400	1	0	\$268	\$0
EL SEGUNDO BATTERY SITE / CA99799F535000	0	1	\$0	\$58
FAMOSA AUXILIARY FIELD #3 / CA99799F544200	0	1	\$0	\$0
FORWARD RELAY STATION 1-MS / CA99799F544300	0	1	\$0	\$0
FT. MACARTHUR LOWER&MIDDLE RES / CA99799F533800	0	1	\$0	\$161
GIBSON REDWOOD CITY / CA99799FA20200	1	0	\$29	\$0
GRANADA CANTONMENT AREA / CA99799F575000	1	0	\$15	\$0
GRANITE CANYON MARINE LABORATORY / CA99799F988900	1	0	\$1,209	\$0
GREAT HIGHWAY MILITARY RESERVATION / CA99799F575200	1	0	\$13	\$0
GREY BUTTE AUX FLD #4 / CA99799F545300	0	1	\$0	\$0
GUALALA BOMBING TARGET / CA99799F592800	0	1	\$0	\$1
HALF MOON BAY FLIGHT STRIP / CA99799F575600	1	0	\$272	\$0
HAMILTON ARMY AIRFIELD PHASE II CONTRACT / CA99799F990400	1	0	\$4,995	\$0
HAMILTON ARMY AIRFIELD PHASE II IN HOUSE / CA99799F990300	1	0	\$3,399	\$0
KINNER MOTORS / CA99799F532000	2	0	\$574	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
LA DEF AREA NIKE 88 / CA99799F547700	1	0	\$155	\$0
LAKE PILLSBURY REST CAMP / CA99799F577400	1	0	\$15	\$0
LAWRENCE LIVERMORE NATIONAL LABORATORY / CA99799F590800	1	0	\$552	\$0
LOS ANGELES AFS ANNEX NO.1 / CA99799F550800	1	0	\$27	\$0
LOS ANGELES MEDICAL DEPOT / CA99799F550900	1	0	\$127	\$0
LOS ANGELES ORDNANCE DEPOT / CA99799F549100	0	1	\$0	\$0
MANHATTAN BEACH RAILWAY SITE / CA99799F551200	0	1	\$0	\$0
MARCH TVOR ANX / CA99799F551500	1	0	\$24	\$0
MENDENHALL PEAK CAMP SITE / CA99799F551700	0	1	\$0	\$0
MERCED JAPANESE RECEPTION CENTER / CA99799F579900	1	0	\$13	\$0
MEXICAN BORDER FCS / CA99799F551800	0	1	\$0	\$0
MORRO BAY-SAN SIMEON MANEUVER AREA / CA99799FA50200	0	1	\$0	\$0
MOUNT LAGUNA AF STATION / CA99799F590900	2	0	\$881	\$0
MOUNT VACA RADIO RELAY STATION / CA99799F580500	1	0	\$2	\$0
MT LAGUNA (GATR) / CA99799F524800	1	0	\$5	\$0
MT. WHITNEY MILITARY RESERVATION / CA99799F744000	0	1	\$0	\$0
NASA AREA 2 / CA99799F530800	2	0	\$145	\$0
NAVAL AIR BASE / CA99799F993700	0	1	\$0	\$169
NAVAL AIR STATION / CA99799FA03700	1	0	\$429	\$0
NAVAL DIRECTION FINDER / CA99799F991400	1	0	\$94	\$0
NAVAL INDUSTRIAL RESERVE PLANT BERKELEY / CA99799F527100	1	0	\$131	\$0
NAVAL MATERIAL REDISTRIBUTION / CA99799F597200	1	0	\$102	\$0
NAVAL ORDNANCE LAB / CA99799F597800	0	1	\$0	\$0
NAVAL ORDNANCE TEST STATION / CA99799FA03300	0	1	\$0	\$0
NAVAL OUTER LANDING FIELD COTATI / CA99799FA49500	3	1	\$180	\$1
NAVAL WEAPONS INDUST RES PLT / CA99799F595300	0	1	\$0	\$4
NAVY DIRIGIBLE BASE / CA99799FA06000	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
NAVY SECTION BASE / CA99799F744100	0	1	\$0	\$0
NEWPORT BEACH FCS / CA99799F553300	0	1	\$0	\$0
NIKE BATTERY #57 / CA99799F547800	1	0	\$22	\$0
NIKE BATTERY 14 - SILOS / CA99799F548300	1	1	\$63	\$0
NIKE BATTERY 29 / CA99799F548000	3	0	\$2,409	\$0
NIKE BTY 70 / CA99799F547900	1	0	\$13	\$0
NIRF (UNDERSEA CENTER) / CA99799F594700	3	2	\$1,090	\$77
NWS SEAL BEACH / CA99799F596000	0	1	\$0	\$0
ONTARIO A.N.G. TRAINING SITE / CA99799F554300	1	1	\$19	\$0
OROVILLE GAP FILLER ANNEX P-58B / CA99799F581500	1	0	\$16	\$0
OXNARD ILS OUTER MARK ANNEX / CA99799F554800	0	1	\$0	\$0
PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA / CA99799F581700	1	0	\$21	\$0
PALMDALE CANT AREA / CA99799F555300	1	0	\$28	\$0
PALOS VERDES GAP FIL AX SM162D / CA99799F555400	1	0	\$393	\$0
PALOS VERDES WHF CONT CTR / CA99799F544100	1	0	\$82	\$0
PASO ROBLES MUNICIPAL AIRPORT / CA99799F543600	1	0	\$109	\$0
POINT VICENTE MIL RES FC SITES / CA99799F556800	3	1	\$1,877	\$0
POMONA QUARTERMASTER DEPOT / CA99799F556000	0	1	\$0	\$0
POSO AUXILIARY FIELD #6 / CA99799F556200	0	1	\$0	\$0
POTTER AUXILIARY FIELD NO. 5 / CA99799F582400	1	0	\$13	\$0
PRC-PATTERSON INCORPORATED / CA99799FA49100	1	0	\$30	\$0
PYRITE CANYON / CA99799F788600	0	1	\$0	\$73
RICE AIR FIELD / CA99799F558000	1	0	\$247	\$0
SADDLE PEAK NIKE / CA99799F522500	2	0	\$373	\$0
SAN BER ENGR DEPOT / CA99799F558700	1	1	\$6,736	\$0
SAN FRANCISCO NIKE BATTERY 31 / CA99799F599100	1	0	\$128	\$0
SAN FRANCISCO NIKE BATTERY 91 / CA99799F585800	1	0	\$253	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
SANTA ANA ARMY AIR BASE / CA99799F561600	1	0	\$915	\$0
SANTA MONICA AAF REDIS STA #3 / CA99799F562200	0	1	\$0	\$0
SANTA MONICA MOUNTAINS / CA99799F590100	1	0	\$126	\$0
SANTA ROSA ARMY AIRFIELD / CA99799F524400	2	1	\$3,743	\$294
SHAFTER COMM FACILITY ANNEX #2 / CA99799F529800	1	0	\$41	\$0
SHAFTER GAP FILLER ANX / CA99799F562800	1	0	\$158	\$0
SHAVERS SUMMIT AIRFIELD / CA99799F562900	0	1	\$0	\$0
TECATE GAP FILLER ANX / CA99799F563400	1	0	\$289	\$0
TORNEY GEN HOSPITAL / CA99799F563900	1	0	\$347	\$0
TRAVIS AFB NIKE BATTERY 86 / CA99799F588200	1	0	\$347	\$0
U.S.A.R. HUNTINGTON PARK / CA99799F564400	0	1	\$0	\$0
UNIVERSITY OF CALIFORNIA SANTA BARBARA / CA99799F810900	2	0	\$248	\$0
VANDENBERG ILS OUTER MARKER AN / CA99799F565600	1	0	\$97	\$0
VICTORVILLE AIR FORCE BASE / CA99799F805800	0	1	\$0	\$0
WILMINGTON CLA & HOLD YD / CA99799F569000	1	1	\$139	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Colorado				
ARMY				
BENNETT ARNG TRAINING SITE / CO821080801500	1	0	\$780	\$0
DONALD D PUCKETT USARC / CO821042249500	6	0	\$0	\$0
DUNCAN-SELIX AFRC / CO82104CO01000	1	0	\$0	\$0
ELMER E FRYAR USARC / CO821042189500	3	0	\$0	\$0
EQUIPMENT CONCENTRATION SITE 42 (FORT CARSON) / CO82104CO01800	9	0	\$0	\$0
FITZSIMONS ARMY MEDICAL CENTER / CO821162033300	15	0	\$26,727	\$0
FORT COLLINS USARC (AMSA 100 BMA) / CO82104CO01900	11	0	\$0	\$0
USARC AURORA 01 / CO821046FC0100	1	0	\$0	\$0
USARC AURORA 02 / CO82104CO00200	1	0	\$0	\$0
USARC COMMERCE CITY (AMSA 22) / CO821046FC3000	4	0	\$0	\$0
USARC PUEBLO / CO821046FC2600	3	0	\$0	\$0
AIR FORCE				
CHEYENNE MOUNTAIN AS / CO857112571900	1	0	\$0	\$0
GREELEY AIR GUARD STATION / CO857282881400	6	0	\$12	\$0
USAF ACADEMY / CO857292492800	13	0	\$10,059	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE FINANCE & ACCOUNTING CENTER / CO89799F053200	1	0	\$156	\$0
BUCKLEY FIELD ARC TR CTR / CO89799F059700	2	1	\$456	\$5
CRAIG ARMY NATL GUARD TRG SITE / CO89799F055500	0	1	\$0	\$22
DENVER ORD PLANT / CO89799F051200	2	0	\$721	\$0
F.E. WARREN AFB AF FAC - SITE 10 / CO89799F051400	3	0	\$530	\$0
FE WARREN AFB FAC SITE 9 / CO89799F052400	3	0	\$607	\$0
FORT LOGAN / CO89799F057100	1	0	\$741	\$0
GRANADA REL CENTER / CO89799F057200	1	0	\$32	\$0
LOWRY AFB S-1 (COMPLEX 1A) / CO89799F694200	2	0	\$1,326	\$0
MONTROSE NATIONAL GUARD TARGET RANGE / CO89799F057800	0	1	\$0	\$2

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Colorado				
PUEBLO ARMY AIR FIELD / CO89799F058300	1	0	\$105	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Connecticut				
ARMY				
EAST WINDSOR USARC / CT121042151900 / (2)	16	0	\$414	\$0
FAMILY HOUSING BRIDGEPORT NIKE 04 / CT121400920600	3	0	\$0	\$0
FAMILY HOUSING BRIDGEPORT NIKE 15 / CT121400921600	3	0	\$0	\$0
FAMILY HOUSING BRIDGEPORT NIKE 65 / CT121400930600	2	0	\$0	\$0
FAMILY HOUSING HARTFORD NIKE 67 / CT121400956800	2	0	\$0	\$0
FAMILY HOUSING HARTFORD NIKE 8 / CT121400950900	2	0	\$0	\$0
FAMILY HOUSING MANCHESTER, CT 25 / CT121402256800	3	0	\$0	\$0
FAMILY HOUSING MIDDLETOWN 48 / CT121400987200	3	0	\$0	\$0
FAMILY HOUSING MILFORD, CT 17 / CT121402263900	2	0	\$0	\$0
FAMILY HOUSING NEW BRITAIN, CT 57 / CT121402266100	2	0	\$0	\$0
FAMILY HOUSING PORTLAND CT 36 / CT121402262700	3	0	\$0	\$0
FAMILY HOUSING SHELTON CT 74 / CT121402258900	6	0	\$0	\$0
FAMILY HOUSING WESTPORT CT 73 / CT121402262600	3	0	\$0	\$0
MIDDLETOWN USARC / CT121042277000	12	0	\$230	\$0
USARC BRIDGEPORT / CT121042296500	9	0	\$0	\$0
USARC DANBURY / CT121041AB0800	1	0	\$0	\$0
USARC MILFORD / CT121042180700	11	0	\$0	\$0
USARC NEW HAVEN / CT121041AB3500	7	0	\$0	\$0
USARC WATERBURY / CT121041AB3800	4	0	\$0	\$0
USARC WEST HARTFORD / CT121041AB4200	5	0	\$0	\$0
WINDSOR LOCKS USARC / CT121042258700	26	0	\$233	\$0
NAVY				
BLOOMFIELD NWIRP / CT117002213400	8	0	\$4,923	\$0
FORMERLY USED DEFENSE SITES				
BRADLEY MILITARY AF / CT19799F175000	3	0	\$1,648	\$0
BRAINARD FIELD / CT19799F903600	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Connecticut				
FORT GRISWOLD / CT19799F869700	0	1	\$0	\$0
FORT HALE / CT19799F903300	1	1	\$24	\$0
NEW HAV ARMY AF / CT19799F175700	1	1	\$34	\$0
NIKE 04 / CT19799F173600	1	0	\$188	\$0
NIKE 08 / CT19799F173700	1	0	\$136	\$0
NIKE 48 / CT19799F174400	1	0	\$202	\$0
NIKE BR-23 / CT19799F174100	2	0	\$339	\$0
NIKE BR-65 / CT19799F174000	2	0	\$301	\$0
NIKE HA-25 / CT19799F174200	1	0	\$165	\$0
NIKE HA-67 / CT19799F174500	1	0	\$153	\$0
PINE ISL BAT SITE / CT19799F676800	1	1	\$4	\$0
POSHEN PT AMTB 914 / CT19799F810600	0	1	\$0	\$0
PRATT & WHITNEY PLANCOR / CT19799F174800	2	0	\$40	\$0
REHAB CNTR / CT19799F173800	1	0	\$48	\$0
RENTSCHLER FIELD / CT19799F903500	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Delaware				
ARMY				
USARC DOVER / DE321042180500	5	0	\$0	\$0
USARC LEWES / DE3210415C1600	5	0	\$0	\$0
USARC SEAFORD / DE3210415CZ100	2	0	\$0	\$0
USARC WILMINGTON, DE / DE321042116800	4	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
DRAVO CORPORATION / DE39799F136400	2	0	\$480	\$0
FORT DELAWARE (PEA PATCH ISLAND) / DE39799F134100	1	1	\$336	\$162
LENAPE ORD MOD CNTR / DE39799F134400	1	0	\$336	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
District of Columbia				
ARMY				
FORT MCNAIR / DC321022100400	9	0	\$1,553	\$0
WALTER REED ARMY MEDICAL CENTER / DC321162115600 / (3)	7	0	\$4,416	\$0
NAVY				
WASHINGTON DC NAVSECSTA / DC317002347600	3	0	\$3,978	\$0
FORMERLY USED DEFENSE SITES				
AAA FORT RENO / DC39799F131300	0	1	\$0	\$0
CAMP SIMMS MILITARY RESERVATION / DC39799F131200 / (1)	1	1	\$5,879	\$409
CATHOLIC UNIVERSITY RESEARCH STATION / DC39799F812500	0	1	\$0	\$716
CHAIN BRIDGE / DC39799F926900	0	1	\$0	\$0
DIAMOND ORDNANCE FUZE LABORATORY / DC39799F928300	0	1	\$0	\$0
FORT BAKER / DC39799F973900	0	1	\$0	\$0
FORT BAYARD / DC39799F974000	0	1	\$0	\$0
FORT BUNKER HILL / DC39799F974100	0	1	\$0	\$0
FORT CHAPLIN / DC39799F974200	0	1	\$0	\$0
FORT DAVIS / DC39799F974400	0	1	\$0	\$0
FORT DERUSSY / DC39799F974500	0	1	\$0	\$0
FORT DUPONT PARK SITE / DC39799F131800	0	1	\$0	\$0
FORT GREBLE / DC39799F974600	0	1	\$0	\$0
FORT KEARNY / DC39799F974700	0	1	\$0	\$0
FORT LINCOLN / DC39799F974900	0	1	\$0	\$0
FORT MAHAN / DC39799F975000	0	1	\$0	\$0
FORT RICKETTS / DC39799F975300	0	1	\$0	\$0
FORT SLEMMER / DC39799F975500	0	1	\$0	\$0
FORT SLOCUM / DC39799F975600	0	1	\$0	\$0
FORT SNYDER / DC39799F975700	0	1	\$0	\$0
FORT STANTON / DC39799F975800	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
District of Columbia				
FORT STEVENS / DC39799F975900	0	1	\$0	\$0
FORT TOTTEN / DC39799F976200	0	1	\$0	\$0
FORT WAGNER / DC39799F976300	0	1	\$0	\$0
NAVAL STATION, ANACOSTIA ANNEX / DC39799F132900	0	1	\$0	\$0
WASHINGTON NAVY YARD / DC39799F133200	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Florida				
ARMY				
AFRC DAYTONA BEACH / FL4210423D0800	1	0	\$0	\$0
AVIATION SUPPLY FACILITY, 49-A / FL4210023DA200	4	0	\$0	\$0
CAPE ST GEORGE / FL421372283100	2	0	\$0	\$0
MCCOY USARC / FL421041240100	1	0	\$0	\$0
PERRINE LTA / FL421042244700	0	1	\$0	\$295
USARC CORAL GABLES / FL42104FL00100	2	0	\$0	\$0
USARC FORT LAUDERDALE (NININGER) / FL421042250700	7	0	\$0	\$0
USARC GAINESVILLE (1300) / FL4210423D1300	1	0	\$0	\$0
USARC GAINESVILLE (LAYTON) / FL421042035600	3	0	\$0	\$0
USARC JACKSONVILLE (BURPEE) / FL421042180300	3	0	\$0	\$0
USARC JACKSONVILLE (MILAM) / FL421042187500	5	0	\$0	\$0
USARC JACKSONVILLE (PHILLIPS) / FL42104FL01000	1	0	\$0	\$0
USARC KISSIMMEE / FL4210423D2800	3	0	\$0	\$0
USARC LAKELAND / FL421042143900	7	0	\$0	\$0
USARC MELBOURNE / FL421042277500	4	0	\$0	\$0
USARC MIAMI (AMSA 47G) / FL421042212400	4	0	\$0	\$0
USARC MILTON / FL421042299300	1	0	\$0	\$0
USARC OCALA / FL421042287500	5	0	\$0	\$0
USARC ORLANDO (ASF 49) / FL4210423DA200	10	0	\$0	\$0
USARC ORLANDO (ECS MCCOY ANNEX) / FL4210423DG100	13	0	\$0	\$0
USARC ORLANDO (MCCOY 03) / FL421042291700	4	0	\$0	\$0
USARC ORLANDO (ORANGE COUNTY) / FL421042194000	4	0	\$0	\$0
USARC PALATKA (AMSA 55W) / FL421042245400	9	0	\$0	\$0
USARC PANAMA CITY / FL421042227500	1	0	\$0	\$0
USARC PENSACOLA / FL421042182100	3	0	\$0	\$0
USARC PERRY / FL4210423D6200	5	0	\$0	\$0
USARC PORT CHARLOTTE / FL4210423D6300	6	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Florida				
USARC				
USARC ST PETERSBURG / FL421042197500	7	0	\$0	\$0
USARC ST PETERSBURG (AMSA 51M) / FL42104FL10300	6	0	\$0	\$0
USARC TAFT / FL421042284600	2	0	\$0	\$0
USARC TALLAHASSEE / FL421042188900	2	0	\$0	\$0
USARC TAMPA / FL421042122400	3	0	\$0	\$0
USARC WEST PALM BEACH (BABCOCK) / FL421042237500	7	0	\$0	\$0
USARC WEST PALM BEACH (GUN CLUB) / FL4210423D7500	1	0	\$0	\$0
NAVY				
JACKSONVILLE FISC / FL417002204000	2	0	\$2,736	\$0
ORLANDO NRL UWS REF DET / FL417002202500 / (1)	1	0	\$2,880	\$0
FORMERLY USED DEFENSE SITES				
AF PLANT NO 74 / FL49799F461800	1	0	\$3,129	\$0
AIR-TO-GROUND GUN RANGE PINELLAS / FL49799F455300	0	1	\$0	\$3
BASCOM AUX FIELD 3 / FL49799F437600	1	0	\$341	\$0
CAMPVILLE SATELLITE FIELD / FL49799F715200	0	1	\$0	\$0
CARLSTROM FIELD / FL49799F715400	1	0	\$395	\$0
CHAPMAN FIELD / FL49799F439700	1	0	\$63	\$0
CHASSAHOWITZKA / FL49799F805000	0	1	\$0	\$74
CUMMER FIELD TARGET / FL49799F469200	0	1	\$0	\$0
DAVIE FIELD TARGET / FL49799F470000	0	1	\$0	\$0
DELAND NAVAL TRAINING CENTER / FL49799F462700	2	0	\$1,640	\$0
DINNER KEY NAVAL AIR FAC / FL49799F922000	1	1	\$4	\$0
ELLYSON (SITE 5) OLF / FL49799F463400	1	0	\$21	\$0
ESTRO ISLAND DOCKS / FL49799F967500	1	0	\$1	\$0
FORT DADE / FL49799F435100	2	1	\$476	\$0
FT JEFFERSON NATIONAL MONUMENT / FL49799F436600	0	1	\$0	\$49

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Florida				
FT LAUDERDALE BOMB TARGET 2 / FL49799F713400	0	1	\$0	\$115
FT LAUDERDALE BOMB TARGET 3 / FL49799F713500	0	1	\$0	\$117
FT LAUDERDALE BOMB TARGET 4 / FL49799F713600	0	1	\$0	\$114
FT LAUDERDALE BOMB TARGET 5 / FL49799F713700	0	1	\$0	\$116
FT LAUDERDALE BOMB TARGET 6 / FL49799F713800	0	1	\$0	\$114
FT LAUDERDALE BOMB TARGET 7 / FL49799F713900	0	1	\$0	\$112
FT LAUDERDALE BOMB TARGET 8 / FL49799F714000	0	1	\$0	\$124
HOLOPAW BOMB TARGET / FL49799F471100	0	1	\$0	\$0
INDIAN ROCKS AWS STATION 27 / FL49799F455500	0	1	\$0	\$0
KEYSTONE AAF / FL49799F440800	3	0	\$562	\$0
LEESBURG AAF / FL49799F441400	1	0	\$578	\$0
LODWICK FIELD / FL49799F472000	1	0	\$17	\$0
LONG KEY GAP FILLER / FL49799F858800	1	0	\$77	\$0
MARQUESAS KEY CWS / FL49799F441500	0	1	\$0	\$76
MELBOURNE HELIUM ANNEX / FL49799F445900	1	0	\$19	\$0
MILE BRANCH SATELLITE / FL49799F719900	0	1	\$0	\$0
NAVAL INDUST RES SHIPYARD / FL49799F465400	1	0	\$129	\$0
NAVAL RESERVE ARMORY JACKSONVILLE / FL49799F922100	1	0	\$2	\$0
NEW SMYRNA BEACH MUN AIRPORT / FL49799F472100	0	1	\$0	\$0
NIKE HM-40 USAF HOMESTEAD / FL49799F452900	1	0	\$59	\$0
NIKE HM-69 EVERGLADES / FL49799F433100	2	0	\$347	\$0
RIVERSIDE TRAIN AREA / FL49799F923000	1	0	\$0	\$0
STIRLING BOMB TARGET / FL49799F469900	0	1	\$0	\$197
TAMPA NAVAL INDUST RES SHIPYARD / FL49799F471600	2	0	\$204	\$0
TRUMBO POINT NAS ANNEX / FL49799F471900	1	0	\$15	\$0
USAF IMESON AIRPORT / FL49799F450300	2	0	\$546	\$0
USAF PONCE DE LEON ANX / FL49799F456300	1	0	\$57	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Florida				
USAF RESERVE FERNANDINA / FL49799F440200	1	0	\$71	\$0
USAF VALKARIA MIS AX / FL49799F446700	1	0	\$33	\$0
WILLISTON MUN AIRPORT / FL49799F441700	2	0	\$24	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Georgia				
ARMY				
AFRC WAYCROSS / GA4210423E7500	8	0	\$0	\$0
USARC ATHENS / GA421042173000	5	0	\$0	\$0
USARC AUGUSTA 02 / GA421042297300	6	0	\$0	\$0
USARC CARROLLTON / GA4210423E1200	5	0	\$0	\$0
USARC CHAMBLEE / GA4210423E1300	4	0	\$0	\$0
USARC COLUMBUS (MIDTOWN DR) / GA4210423E1800	1	0	\$0	\$0
USARC DOBBINS AFB / GA421042297800	8	0	\$0	\$0
USARC DUBLIN / GA421042302900	7	0	\$0	\$0
USARC EAST POINT ATLANTA / GA421042209300	6	0	\$0	\$0
USARC FOREST PARK / GA421042285000	5	0	\$0	\$0
USARC FORT VALLEY / GA421042199000	2	0	\$0	\$0
USARC GAINESVILLE / GA421042189700	7	0	\$0	\$0
USARC MACON / GA421042054100	7	0	\$0	\$0
USARC ROME / GA421042172800	2	0	\$0	\$0
USARC SAVANNAH / GA421042363700	6	0	\$0	\$0
USARC TIFTON / GA421042204200	6	0	\$0	\$0
AIR FORCE				
SAVANNAH AGS (COMM) (RHODES) / GA457282611900	1	0	\$982	\$0
SAVANNAH CRTC / GA457282611901	4	0	\$132	\$0
FORMERLY USED DEFENSE SITES				
ARABIA MT STATE PARK / GA49799F937400	0	1	\$0	\$239
AUGUSTA ARSENAL / GA49799F472800	1	0	\$206	\$0
BAINBRIDGE AAF / GA49799F479500	1	0	\$228	\$0
BAT GENERAL HOSPITAL / GA49799F476900	1	0	\$115	\$0
BRIDGEBORO GAP FIL ANX / GA49799F477800	1	0	\$82	\$0
CHICKAMAUGA / GA49799F472300	1	0	\$13	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Georgia				
CP GORDON / GA49799F482100	0	1	\$0	\$66
CWM BURIAL SITE / GA49799F811700	0	1	\$0	\$63
ELBERTON GFA / GA49799F478000	1	0	\$25	\$0
FINNEY GENERAL HOSP / GA49799F477000	1	0	\$364	\$0
FLINTSTONE AFS / GA49799F480900	1	0	\$45	\$0
FORT SCREVEN / GA49799F473200	1	0	\$0	\$0
HERBERT SMART AIRPORT / GA49799F789300	0	1	\$0	\$258
KENNESAW MOUNTAIN ARTILLERY RANGE / GA49799F827400	0	1	\$0	\$1
NIKE BAT28,ROB AFB DEF / GA49799F479300	1	0	\$60	\$0
NOP MILLEDGEVILLE / GA49799F482000	1	0	\$39	\$0
STATEBORO AAF / GA49799F479100	1	0	\$49	\$0
TRAVIS FIELD / GA49799F480300	1	0	\$1,038	\$0
TURNER AFB NIKE BAT#79 / GA49799F475100	2	0	\$114	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Guam				
NAVY				
AGANA NAS / GU917002755700 / (3)	39	0	\$64,249	\$0
GUAM NAVFAC / GU917005745000	2	0	\$155	\$0
GUAM NAVREGDENCEN / GU917002751300	1	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
5TH FIELD MARINE SUPPLY DEPOT / GM99799F985400	0	1	\$0	\$4,833
GUAM ADVENTIST ACADEMY / GM99799F374300	1	0	\$5	\$0
HARMON QUARRY / GM99799F373700	1	0	\$61	\$0
TUMON GUN SITE / GM99799F373900	1	0	\$43	\$0
U.S. NAVAL HOSPITAL / GM99799F943800	1	0	\$88	\$0
WAR IN PACIFIC-GUAM / GM99799F373400	0	1	\$0	\$137

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Hawaii				
ARMY				
ALIAMANU MILITARY RESERVATION / HI921452219900	2	0	\$1,005	\$0
AMERICAN SAMOA LTA / HI92104PHS1900	0	33	\$0	\$661
DILLINGHAM MIL RESERVATION / HI921452288900	6	0	\$114	\$0
FORT DE RUSSY / HI921452220400	1	0	\$107	\$0
FORT KAMEHAMEHA / HI921452220500	26	0	\$1,275	\$0
HELEMANO RAD REC STATION / HI921452220900	8	0	\$330	\$0
KAHUKU TRAINING AREA / HI921452221200	3	0	\$124	\$0
KAPALAMA MILITARY RESERVATION / HI921452221400	22	0	\$638	\$0
KILAUEA MILITARY RESERVATION / HI921452221900	19	2	\$826	\$224
KIPAPA AMMO STORAGE SITE / HI921452222000	1	0	\$194	\$0
KUNIA FIELD STATION / HI921452305900	3	0	\$1,560	\$0
NAVY				
PEARL HARBOR INACTSHIPDET / HI917002477900	1	0	\$0	\$0
AIR FORCE				
JOHNSTON ATOLL / JQ957309850000 / (1) / (3)	9	0	\$42,943	\$0
KAALA AIR FORCE STATION / HI957302872700	9	0	\$747	\$0
KOKEE STATE PARK / HI957302872500	2	0	\$14	\$0
MAUI SATELLITE TRACKING STATION / HI957112885500	13	0	\$0	\$0
PALEHUA SOLAR ORBS / HI957302878700	2	0	\$80	\$0
PUNAMANO AIR FORCE STATION / HI957302872800	1	0	\$247	\$0
WHEELER ARMY AIR FIELD / HI957302873200	8	0	\$4,257	\$0
FORMERLY USED DEFENSE SITES				
AIEA AAA COMMAND POST / HI99799F376000	1	0	\$0	\$0
BATTERY AVERY J. COOPER / HI99799F378500	1	0	\$261	\$0
BATTERY GEORGE W. RICKER / HI99799F379100	2	0	\$142	\$0
CASTNER GARAGE / HI99799F814000	1	0	\$210	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Hawaii				
COCONUT ISLAND / HI99799F380100	1	0	\$203	\$0
FORT BARRETTE / HI99799F382800	1	0	\$0	\$0
FORT RUGER / HI99799F383100	2	0	\$271	\$0
FRENCH FRIGATE SHOAL / HI99799F383500	1	0	\$1,371	\$0
GUNNERY SITE / HI99799F383800	0	1	\$0	\$1,524
HAIKU RADIO STATION / HI99799F386000	1	0	\$38	\$0
HILO RESEARCH SITE / HI99799F386300	1	0	\$159	\$0
KAENA POINT MILITARY RES / HI99799F387800	2	0	\$246	\$0
NIKE SITE NO. 5 / HI99799F806400	1	0	\$21	\$0
OFFSHORE WAIANA E SEWAGE OUTFALL / HI99799F990000	0	1	\$0	\$18
OPANA POINT BOMBING RANGE / HI99799F400200	0	1	\$0	\$818
PAPAPAHOLA HOLA COMM SITE / HI99799F401000	1	0	\$209	\$0
PAPOHAKU RANCLAND SUB / HI99799F739500	0	1	\$0	\$1,789
PUPUKEA FIRE CONTROL STATION / HI99799F402700	1	0	\$0	\$0
PUULO A-EX NAS BAR POINT / HI99799F410600	1	0	\$6	\$0
RADIO TRANSMITTER STA / HI99799F407300	1	0	\$256	\$0
SAKE BREWERY & ICE CO / HI99799F386700	1	0	\$247	\$0
SITE 3 / HI99799F970200	0	1	\$0	\$0
SITE 3A / HI99799F970300	0	1	\$0	\$0
ST-10 SHERWOOD FOREST USTS / HI99799FA10100	1	0	\$263	\$0
WAI AKEA FOREST RESERVE / HI99799F405500	0	2	\$0	\$74
WAI AU DRUM STORAGE / HI99799F407100	2	0	\$369	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Idaho				
ARMY				
AFRC IDAHO FALLS / ID021042261800	4	0	\$0	\$0
ORCHARD RANGE TS BOISE / ID0211816A2500	0	5	\$0	\$135
USARC BOISE (AMSA 3) / ID021046FD0200	12	0	\$0	\$0
USARC COEUR D'ALENE / ID021042283600	8	0	\$0	\$0
USARC REXBURG / ID021046FD1000	6	0	\$0	\$0
USARC TWIN FALLS / ID021042304700	8	0	\$0	\$0
NAVY				
BAYVIEW ID NSWC / ID017002757900	1	0	\$257	\$0
FORMERLY USED DEFENSE SITES				
BOISE ARMY BARRACKS / ID09799F300900 / (3)	2	1	\$34	\$2,058
COTTONWOOD AIR FORCE STA / ID09799F301200	1	0	\$42	\$0
FORMER NAVAL OP / ID09799F300600	2	0	\$716	\$0
POCATELLO MIL AF / ID09799F300300	3	0	\$201	\$0
TARGHEE NF CHEMICAL WARFARE SERVICE TEST SITE / ID09799F909000	0	1	\$0	\$68

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Illinois				
ARMY				
1LT A.J. ELLISON USARC / IL521042173900	9	0	\$0	\$0
2LT R H STEPHENS USARC / IL521044306000	7	0	\$0	\$0
AMSA #45 / IL521042182800	21	0	\$0	\$0
BLOOMINGTON USARC / IL521044302800	5	0	\$0	\$0
COL P. SCHULSTAD USARC / IL521044N06500	3	0	\$0	\$0
CPT ROBERT B. CHAPMAN USARC / IL521042195400	1	0	\$0	\$0
FAMILY HOUSING ADDISON / IL521401757200	4	0	\$0	\$0
FAMILY HOUSING WORTH / IL521401755200	5	0	\$0	\$0
FOX VALLEY MEMORIAL USARC / IL521044302500	5	0	\$0	\$0
HOMWOOD ARNG / IL521181712300	1	0	\$0	\$0
JOLIET RAILROAD USARC / IL521042364000	4	0	\$0	\$0
LINCOLN-DOUGLAS USARC / IL521042176200	5	0	\$0	\$0
LOUIS JOLIET AFRC / IL521044304800	4	0	\$0	\$0
MAJ HERBERT J DEXTER USARC / IL521044304000	7	0	\$0	\$0
MAJ M. D. O'DONNELL USARC / IL521044305900	4	0	\$0	\$0
N RIVERSIDE MAINTENANCE CENTER / IL521181718000	5	0	\$0	\$0
PFC R G WILSON USARC / IL521044305000	5	0	\$0	\$0
PFC R. GANTNER USARC / IL521044F02700	3	0	\$0	\$0
PHILIP H SHERIDAN RESERVE CTR / IL52104IL13100	5	6	\$0	\$54
ROCKFORD USARC / IL521044305600	6	0	\$0	\$0
SCOTT AFB USARC / IL521044F06800	24	0	\$0	\$0
SFC E L COPPLE USARC / IL521044303000	4	0	\$0	\$0
SGT BRUCE G HOWERTER USARC / IL521044302900	9	0	\$0	\$0
SGT JAMES W. ROBINSON JR USARC / IL521044303500	5	0	\$0	\$0
SSG R. E. WALTON USARC / IL521042199300	1	0	\$0	\$0
USARC CHICAGO (BRYN MAWR AVE) / IL521042108300	8	0	\$0	\$0
USARC CHICAGO (GIBSON) / IL521044U03200	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Illinois				
USARC CHICAGO (KEDZIE AVE) / IL521044303300	1	0	\$0	\$0
USARC EAST ST LOUIS / IL521044304200	7	0	\$0	\$0
USARC FORT SHERIDAN (AMSA 47) / IL5210443G4700	11	0	\$226	\$0
USARC GALESBURG / IL521044N04600	3	0	\$0	\$0
USARC GLENVIEW (ASF 26) / IL5210443N2600	16	0	\$0	\$0
USARC KANKAKEE / IL521042212000	9	0	\$0	\$0
USARC MAYWOOD (AMSA 46) / IL5210443G4600	11	0	\$0	\$0
USARC PEORIA (AMSA 48) / IL5210443G4800	11	0	\$0	\$0
USARC PEORIA (NORTHMOOR) / IL521042069300	6	0	\$0	\$0
USARC ROCKFORD (15TH AVE) / IL521042299900	2	0	\$0	\$0
USARC ROCKFORD (FIRST) / IL521044300700	1	0	\$0	\$0
USARC ROSEMONT / IL521044303400	13	0	\$0	\$0
VETERANS MEMORIAL USARC / IL521044N03100	5	0	\$0	\$0
VIETNAM VET MEM USARC (SOUTH) / IL52104IL05100	4	0	\$0	\$0
WAUKEGAN AFRC / IL521044N06100	6	0	\$0	\$0
ZEGA BROTHERS USARC / IL52104IL05000	6	0	\$0	\$0
NAVY				
GLENVIEW NAS / IL517002293000 / (1)	33	0	\$24,834	\$0
LIBERTYVILLE TRAINING SITE / IL517009999900 / (1)	8	0	\$5,192	\$0
AIR FORCE				
O'HARE IAP ARS / IL557122427200 / (1) / (3)	19	2	\$9,782	\$0
FORMERLY USED DEFENSE SITES				
43RD ST. PN 24 / IL59799F860800	1	0	\$153	\$0
AIR FORCE PLANT #39 / IL59799F219300	4	0	\$5,342	\$0
ARMY MOTOR POOL - EXCHANGE AVE / IL59799F886100	1	0	\$205	\$0
C-71 H&G PN 76, WESTCHESTER / IL59799F885100	1	0	\$172	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Illinois				
C-76 H&G PN 57, RIVER GROVE / IL59799F885200	1	0	\$158	\$0
C-82 H&G PN 67, SCHILLER PARK / IL59799F885300	1	0	\$151	\$0
CALUMET PARK H&G PN 34 / IL59799F885500	1	0	\$106	\$0
CAMP ELLIS MANEUVER AND TRAINING AREA / IL59799F804800	0	1	\$0	\$1
CAMP GRANT / IL59799F218500	1	1	\$388	\$81
CAMP LOGAN (IL BEACH STATE PARK) / IL59799F222500	0	1	\$0	\$1
CAMP PINE POW CAMP-MT PROSPECT / IL59799F944300	1	0	\$114	\$0
CAMP THORNTON POW CAMP / IL59799F884600	1	0	\$136	\$0
CHANUTE RADIO BEACON ANNEX / IL59799F219600	1	0	\$209	\$0
CHANUTE VOR FACILITY, PENFIELD / IL59799F971200	1	0	\$112	\$0
CHICAGO AIRCRAFT ASSEMBLY PLANT / IL59799F219100	1	1	\$0	\$57
CHICAGO ORDNANCE PLANT (HOME DEPOT) / IL59799F819200	1	0	\$3	\$0
GEORGE FIELD RADIO RANGE STATION / IL59799F224500	1	0	\$65	\$0
IL ORDNANCE PLANT (CRAB ORCHARD) / IL59799F217200 / (1)	4	1	\$9,947	\$1,321
KANKAKEE ORDNANCE WORKS / IL59799F217800	1	1	\$73	\$1
LINCOLN ORDNANCE DEPOT / IL59799F221500	2	0	\$1,729	\$0
LOYOLA PARK H&G PN 28 / IL59799F885900	1	0	\$105	\$0
MANHATTAN ED, PALOS PARK / IL59799F222600	1	0	\$220	\$0
MAYO GENERAL HOSPITAL / IL59799F218600	1	1	\$102	\$1
NIKE C-03 - BELMONT HARBOR / IL59799F218300	1	0	\$539	\$0
NIKE C-40 - BURNHAM PARK / IL59799F761300	1	0	\$170	\$0
NIKE C-49 - HOMEWOOD / IL59799F219800	1	0	\$242	\$0
NIKE C-54 - ORLAND PARK / IL59799F220000	2	0	\$1,105	\$0
NIKE C-61 - ARGONNE LABS / IL59799F220100	3	0	\$1,275	\$0
NIKE C-80/81 - ARLINGTON / IL59799F220300	1	0	\$445	\$0
NIKE C-84 - PALATINE / IL59799F220400	2	0	\$258	\$0
NORTH AVE BEACH H&G PN 21 / IL59799F885800	1	0	\$61	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Illinois				
SAVANNA ORD PLANT (BLACKHAWK VILLAGE) / IL59799F217900	1	1	\$141	\$1
SENECA SHIPYARDS / IL59799F219500	1	0	\$526	\$0
SKOKIE VALLEY POW CAMP / IL59799F884500	1	0	\$65	\$0
US ARMY HSG SITE, LAKESHORE DR / IL59799F812100	1	0	\$303	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Indiana				
ARMY				
AFRC EVANSVILLE / IN521044J08000	10	0	\$0	\$0
CAMP ATTERBURY / IN521181807500	9	0	\$0	\$0
COL KENNETH P. WILLIAMS USARC / IN521044L07600	4	0	\$0	\$0
CPL ROBT SHAFFER USARC / IN521044L09000	7	0	\$0	\$0
FORT BENJAMIN HARRISON / IN521372040200	42	0	\$22,531	\$0
FT BEN HARRISON USARC/AMSA129 / IN521044J08100	10	0	\$0	\$0
GEORGE E. HALLIDAY USARC / IN521044J09100	8	0	\$0	\$0
PFC W. L. GILLESPIE USARC / IN521044L08200	4	0	\$0	\$0
RICHMOND USARC / IN521044L09600	2	0	\$0	\$0
ROBERT R. MOSELE USARC / IN521044T10000	5	0	\$0	\$0
ROPER R. PEDDICORD USARC / IN521044J07900	7	0	\$0	\$0
SGT CHARLES H. SESTON USARC / IN521044L07700	7	0	\$0	\$0
USARC GARY / IN521042157300	5	0	\$0	\$0
USARC INDIANAPOLIS / IN521044J08500	2	0	\$0	\$0
USARC JEFFERSONVILLE / IN521042203900	18	0	\$0	\$0
USARC NORTH JUDSON / IN521042157100	7	0	\$0	\$0
USARC RUSHVILLE / IN521044J09700	6	0	\$0	\$0
USARC SCOTTSBURG / IN521042176300	9	0	\$0	\$0
USARC SOUTH BEND (AMSA 39) / IN521044JG3900	12	0	\$0	\$0
AIR FORCE				
FORT WAYNE MUNICIPAL AIRPORT / IN557282590600	4	0	\$1,720	\$0
HULMAN REGIONAL AIRPORT / IN557282590500	6	0	\$1,872	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE PLANT #26 / IN59799F360300	1	0	\$365	\$0
AIR FORCE PLANT #46 / IN59799F360400	1	0	\$13	\$0
AMSA 39, ST. JOSEPH CO., IN / IN59799F842600	1	0	\$14	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Indiana				
CAMP ATTERBURY / IN59799F356800	1	1	\$0	\$150
COLUMBUS MUNICIPAL AIRPORT / IN59799F361100	1	0	\$14	\$0
FREEMAN ARMY AIRFIELD / IN59799F356700	1	0	\$61	\$0
JEFFERSONVILLE QUARTERMASTER DEPOT / IN59799F356900	1	0	\$13	\$0
NIKE C-45 - GARY AIRPORT / IN59799F951500	3	0	\$1,274	\$0
NIKE C-46 - MUNSTER / IN59799FA12300	2	0	\$266	\$0
NIKE C-47 - HOBART / IN59799F359600	4	0	\$1,295	\$0
NIKE C-48 - GARY / IN59799F359500	2	0	\$1,929	\$0
ROCKVILLE AFS / IN59799F358000	2	0	\$360	\$0
TERRE HAUTE ORDNANCE PLANT / IN59799F358500	2	0	\$335	\$0
VIGO PLANT CHEMICAL WARFARE / IN59799F358800	3	1	\$423	\$119

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Iowa				
ARMY				
AMES USARC / IA721044711100	8	0	\$0	\$0
BURLINGTON MEMORIAL USARC / IA721044711200	8	0	\$0	\$0
CEDAR RAPIDS AFRC / IA721044711300	4	0	\$0	\$0
CRESTON MEMORIAL USARC / IA721044711600	1	0	\$0	\$0
DAVENPORT USARC / IA721044717700	4	0	\$0	\$0
DUBUQUE AFRC / IA721044712500	8	0	\$0	\$0
FORT DES MOINES / IA721402026400	8	0	\$6,779	\$0
FREEMAN-DAVIS USARC / IA721044713400	4	0	\$0	\$0
FT DES MOINES USARC / IA721044812100	12	0	\$0	\$0
JOE L MACKEY AFRC/AMSA / IA721044713500	13	0	\$0	\$0
MT PLEASANT USARC / IA721044713000	4	0	\$0	\$0
MUSCATINE USARC / IA721044713100	1	0	\$0	\$0
PFC LLOYD C WOHLFORD JR USARC / IA721044711800	7	0	\$0	\$0
POCAHONTAS USARC / IA721044713300	7	0	\$0	\$0
ROBERT C KADGIHN USARC / IA721044712800	1	0	\$0	\$0
SP4 RONALD L MEANS USARC / IA721044711400	8	0	\$0	\$0
USARC DES MOINES (63/64/139) / IA721044712000	2	0	\$0	\$0
USARC DES MOINES (ASF 60) / IA7210443N6000	7	0	\$0	\$0
USARC FORT DODGE / IA721044712600	2	0	\$0	\$0
USARC GARNER, IA / IA721044712700	6	0	\$0	\$0
USARC OTTUMWA / IA721044713200	2	0	\$0	\$0
WASHINGTON (AMSA) / IA7210447G3000	5	0	\$0	\$0
WASHINGTON MEMORIAL USARC / IA721044713600	7	0	\$0	\$0
WAVERLY TRAINING SITE / IA721189002900	1	0	\$194	\$0
AIR FORCE				
DES MOINES INTERNATIONAL AIRPORT / IA757282589500	6	0	\$985	\$0
FORT DODGE AIR GUARD STATION / IA757282592100	1	0	\$30	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Iowa				
FORMERLY USED DEFENSE SITES				
FORT DES MOINES / IA79799F022800	1	1	\$1,175	\$182
IOWA WESTERN COMM COLLEGE / IA79799F021900	1	0	\$0	\$0
OFFUTT AFB NIKE BATTERY OF-10 / IA79799F022100	1	0	\$104	\$0
OFFUTT AFB NIKE BATTERY OF-10 (LAUNCHER) / IA79799F022200	1	0	\$98	\$0
OTTUMWA TRACKING DATA ACQUISITION ANNEX / IA79799F021100	2	0	\$169	\$0
SIOUX CITY MUNI AIRPORT / IA79799F021800	3	0	\$3,550	\$0
VILLISCA NG TARGET RNG / IA79799F021200	0	1	\$0	\$2

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Johnston Atoll				
ARMY				
JOHNSTON ISLAND / XX92145JQ43500	1	0	\$75	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Kansas				
ARMY				
AFRC HUTCHINSON / KS721045CE1800	1	0	\$0	\$0
AFRC TOPEKA (MENNINGER) / KS72104KS03300	3	0	\$0	\$0
ATCHISON CAVES STORAGE FACILITY / KS72104KS09200	1	0	\$42	\$0
DODGE CITY USARC / KS721042374200	1	0	\$0	\$0
ECS 33 / KS721045CE5900	8	0	\$0	\$0
EL DORADO USARC / KS721045CE0400	3	0	\$0	\$0
EMPORIA USARC / KS721045CE0600	2	0	\$0	\$0
FORT RILEY USARC / KS72104KS00700	1	0	\$0	\$0
GARDEN CITY USARC / KS721045CE1000	1	0	\$0	\$0
LANNY J WALLACE USARC/AMSA / KS721045CE5600	8	0	\$0	\$0
LT WM M BENEFIELD JR USARC / KS721045CE4000	6	0	\$0	\$0
MANHATTAN USARC / KS721045CE2600	1	0	\$0	\$0
NEW CENTURY USARC/ASF # 37 / KS721045FE2100	11	0	\$0	\$0
OSAGE CITY USARC / KS721045CE3400	6	0	\$0	\$0
RALPH B PRAGER USARC / KS721045CE1200	1	0	\$0	\$0
SALINA USARC / KS721045CE4400	5	0	\$0	\$0
SAMUEL J CHURCHILL USARC / KS721045CE2400	3	0	\$0	\$0
SST DAVID BRENNER USARC/AMSA / KS721045CE3800	8	0	\$0	\$0
SUNFLOWER ARMY AMMUNITION PLANT / KS721382087800 / (1)	88	2	\$96,480	\$0
SUNFLOWER WET SITE / KS721045CE4700	1	0	\$0	\$0
TREMBLY WHITE USARC / KS721045CE2200	3	0	\$0	\$0
USARC ARKANSAS CITY / KS721045CE0300	2	0	\$0	\$0
USARC BAXTER SPRINGS / KS721045CE0100	3	0	\$0	\$0
USARC FORT LEAVENWORTH / KS721045CE0700	2	0	\$0	\$0
USARC FORT RILEY (1968) / KS721045CE0800	1	0	\$0	\$0
USARC HAYS / KS721045CE1400	5	0	\$0	\$0
USARC LENEXA / KS721045CE2300	2	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Kansas				
USARC OSAWATOMIE / KS721045CE3600	2	0	\$0	\$0
USARC SCOTT CITY / KS721045CE4600	1	0	\$0	\$0
USARC TOPEKA (AMSA 39) / KS72104KS03400	8	0	\$0	\$0
USARC WELLINGTON / KS721045CE5400	3	0	\$0	\$0
WIGGINS - ROTLER USARC / KS721045CE2000	5	0	\$0	\$0
AIR FORCE				
FORBES FIELD (TOPEKA) / KS757282404300	11	0	\$56	\$0
FORMERLY USED DEFENSE SITES				
AF PLANT NO 13 / KS79799F033400	1	0	\$103	\$0
CHEMICAL SITE / KS79799F023300	0	1	\$0	\$921
COFFEYVILLE AUX FLD #1 / KS79799F025600	0	1	\$0	\$0
COFFEYVILLE AUX FLD #2 / KS79799F025700	0	1	\$0	\$0
COFFEYVILLE AUX FLD #4 / KS79799F025800	0	1	\$0	\$32
FORBES AFB ATLAS S-3 / KS79799F026600	2	0	\$687	\$0
FORBES AFB-AF FAC S-6 / KS79799F026800	1	0	\$1,183	\$0
GARDEN CITY AAF / KS79799F027300	1	1	\$549	\$108
GARDEN CITY AUX FLD #1 / KS79799F027400	0	1	\$0	\$0
GARDEN CITY AUX FLD #2 / KS79799F027500	1	1	\$32	\$0
GARDEN CITY AUX FLD #3 / KS79799F027600	0	1	\$0	\$0
GARLAND G F ANX P-72A / KS79799F027700	1	0	\$162	\$0
GREAT BEND AAF / KS79799F027800	0	1	\$0	\$110
JAYHAWK ORD WORKS / KS79799F024200	1	1	\$4,045	\$0
KCDA NIKE 80-RADAR AREA / KS79799F981500	1	0	\$153	\$0
KCDA NIKE BATTERY 60 / KS79799F024400	4	0	\$1,134	\$0
OLATHE NAS UHF BEACON / KS79799F981600	1	0	\$29	\$0
PRATT AIR-GROUND GUNNERY RANGE / KS79799F029800	0	1	\$0	\$126

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Kansas				
SCHILLING AFB-FAC S-1 / KS79799F030300	1	0	\$17	\$0
SMOKY HILL AIR-AIR GNRV RANGE / KS79799F031600	0	1	\$0	\$157
STROTHER AAF E AUX FLD #1 / KS79799F031900	0	1	\$0	\$0
STROTHER AAF N AUX FLD #2 / KS79799F032000	0	1	\$0	\$0
STROTHER AAF S AUX FLD #5 / KS79799F032200	0	1	\$0	\$0
STROTHER AAF W AUX FLD #3 / KS79799F032100	0	1	\$0	\$0
TOPEKA AIR FORCE STATION / KS79799F676900	1	0	\$136	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Kentucky				
ARMY				
AFRC HOPKINSVILLE / KY42104KY03800	1	0	\$0	\$0
AFRC LEXINGTON / KY421042293600	7	0	\$0	\$0
BLUE GRASS ARMY DEPOT-LEXINGTON FACILITY / KY421382050900 / (1)	64	0	\$28,476	\$0
USARC BARDSTOWN / KY421042249300	10	0	\$0	\$0
USARC BEATTYVILLE / KY4210421Y9200	1	0	\$0	\$0
USARC BERA / KY4210421Y9100	1	0	\$0	\$0
USARC BOWLING GREEN / KY42104KY00600	1	0	\$0	\$0
USARC FORT KNOX (ECS 63) / KY421042JYE100	9	0	\$0	\$0
USARC GEORGETOWN / KY4210421Y5400	1	0	\$0	\$0
USARC HARDINSBURG / KY4210421Y5700	1	0	\$0	\$0
USARC LEBANON / KY4210421Y6400	1	0	\$0	\$0
USARC LEXINGTON (BARROW) / KY421042157200	12	0	\$0	\$0
USARC LEXINGTON (BLUE GRASS) / KY421042JY6200	6	0	\$0	\$0
USARC LOUISVILLE / KY421042JY4000	1	0	\$0	\$0
USARC LOUISVILLE (BOWMAN HANGER 7) / KY421042JY7000	9	0	\$0	\$0
USARC LOUISVILLE (CENTURY) / KY4210421Y6300	2	0	\$0	\$0
USARC LOUISVILLE (MAJOR) / KY42104KY04800	7	0	\$0	\$0
USARC MADISONVILLE / KY421042255500	2	0	\$0	\$0
USARC MAYSVILLE / KY42104KY05400	3	0	\$0	\$0
USARC OWENSBORO / KY421042141400	2	0	\$0	\$0
USARC PADUCAH 01 / KY42104KY06200	1	0	\$0	\$0
USARC PADUCAH 02 / KY421042JY9900	1	0	\$0	\$0
USARC PIKEVILLE / KY421042JY8100	6	0	\$0	\$0
AIR FORCE				
STANDIFORD FIELD / KY457282590000	1	0	\$1,274	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Kentucky				
FORMERLY USED DEFENSE SITES				
BOWMAN ARMY AIR FIELD / KY49799F349800	2	0	\$13	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Louisiana				
ARMY				
NEW ORLEANS MILITARY OCEAN TERMINAL / LA621352270300	10	0	\$651	\$0
PEASON RIDGE FORT POLK / LA621402272500	4	0	\$0	\$0
USARC ALEXANDRIA, LA / LA621045OL1800	2	0	\$0	\$0
USARC BATON ROUGE (NORTH) / LA621045HL1500	1	0	\$0	\$0
USARC BATON ROUGE (ROBERTS) / LA621045HL0200	4	0	\$0	\$0
USARC BATON ROUGE (SAURAGE) / LA621045VL2500	6	0	\$0	\$0
USARC BATON ROUGE 03 / LA621045SL2300	1	0	\$0	\$0
USARC BOGALUSA / LA621045HL0300	8	0	\$0	\$0
USARC BOSSIER CITY / LA621045OL2100	5	0	\$0	\$0
USARC FORT POLK (8610) / LA621045VL2400	6	0	\$0	\$0
USARC FORT POLK (ECS 17) / LA621045HL1600	6	0	\$0	\$0
USARC HAMMOND / LA621045HL0400	4	0	\$0	\$0
USARC HOUMA / LA621042256400	4	0	\$0	\$0
USARC LAFAYETTE / LA621042250300	4	0	\$0	\$0
USARC LAKE CHARLES / LA621045HL0500	2	0	\$0	\$0
USARC MONROE / LA621045OL2000	1	0	\$0	\$0
USARC NEW ORLEANS (DIAMOND) / LA621045SL2200	3	0	\$0	\$0
USARC NEW ORLEANS (FLEMING) / LA621045HL0600	7	0	\$0	\$0
USARC SHREVEPORT 02 / LA621045HL1100	2	0	\$0	\$0
USARC SLIDELL / LA621045HL1200	3	0	\$0	\$0
NAVY				
NEW ORLEANS NSA / LA617002260400	5	0	\$283	\$0
FORMERLY USED DEFENSE SITES				
AIRBASE-POLLOCK / LA69799F014000	0	1	\$0	\$0
ALEXANDRIA AAF GUNNERY RANGE / LA69799F017300	0	1	\$0	\$168
BARKSDALE AFB - NIKE BD 50 / LA69799F014800	3	0	\$210	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Louisiana				
BARKSDALE AFB - NIKE BD-10 / LA69799F014900	3	0	\$112	\$0
CAMP PLAUCHE / LA69799F016200	0	1	\$0	\$0
CHENNAULT AFB / LA69799F014500	4	0	\$4,053	\$0
ESLER FIELD / LA69799F019200	1	0	\$193	\$0
FT MC COMB / LA69799F710600	0	1	\$0	\$0
NAVAL AIR STA (LTA) HOUMA / LA69799F016300	1	1	\$525	\$0
NAVAL AIR STATION N.I. / LA69799F014400	1	0	\$636	\$0
NAVAL AIR STATION, N.O. / LA69799F014300	2	1	\$218	\$0
POW CAMP / LA69799F014100	1	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Maine				
ARMY				
AUBURN TRAINING SITE / ME121182301000	1	0	\$10	\$0
USARC AUBURN / ME1210414H0400	14	0	\$0	\$0
USARC BANGOR / ME1210414H1500	3	0	\$0	\$0
USARC BRIDGTON / ME1210414H2000	6	0	\$0	\$0
USARC DEXTER / ME1210414H2800	7	0	\$247	\$0
USARC SACO / ME1210414H5500	3	0	\$0	\$0
AIR FORCE				
COLUMBIA FALLS AFS / ME357212207400	0	1	\$0	\$579
FORMERLY USED DEFENSE SITES				
AMMO INDUSTRIAL PARK / ME19799F199500	1	0	\$87	\$0
BAR HARBOR NAV AIR FAC / ME19799F871800	0	1	\$0	\$0
CAP ELI FIRE CON STA / ME19799F201000	2	0	\$109	\$0
CASCO BAY TOR BO DEF / ME19799F201300	0	1	\$0	\$0
CHARLESTON AFS / ME19799F201500	1	0	\$315	\$0
FORMER FUEL DEPOT / ME19799F206100	2	0	\$2,218	\$0
FORT FOSTER / ME19799F201900	2	0	\$84	\$0
FORT GEORGE / ME19799F872500	0	1	\$0	\$0
FORT MADISON / ME19799F872700	0	1	\$0	\$0
FORT MCCLARY / ME19799F207600	1	0	\$0	\$0
FORT MCKINLEY / ME19799F206000	1	1	\$58	\$0
FORT POPHAM / ME19799F799300	0	1	\$0	\$0
FORT PREBLE / ME19799F202100	2	0	\$75	\$0
FORT SCAMMELL / ME19799F731100	0	1	\$0	\$0
FORT SULLIVAN / ME19799F867900	0	1	\$0	\$166
GERRISH ISL FI CON STA / ME19799F202300	1	0	\$37	\$0
JEWELL-S ISL / ME19799F202600	1	1	\$137	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Maine				
LITTLE RIVER BATTERY / ME19799F872200	0	1	\$0	\$0
LOR AFB ILS OUT MK AX3 / ME19799F203100	1	0	\$36	\$0
MERRIAM PT FC STA / ME19799F203700	3	1	\$38	\$0
NIKE L-31 / ME19799F200100	1	0	\$123	\$0
NIKE LO-85 / ME19799F199200	1	0	\$186	\$0
PEAKS ISL MIL RESV / ME19799F207800	2	1	\$233	\$0
PEAKS ISL WHARF / ME19799F204300	1	0	\$97	\$0
SEDGWICK GAP FIL AX / ME19799F205000	1	0	\$53	\$0
THOMPSONS PT ORD PLT / ME19799F199900	2	0	\$459	\$0
TOPSFLD GAP FIL AX / ME19799F205300	1	0	\$37	\$0
TREATS ISLAND BATTERY / ME19799F872000	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Marshall Islands				
ARMY				
US ARMY KWAJALEIN ATOLL / CQ92136NQ49700	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Maryland				
ARMY				
FAMILY HOUSING NIKE WASH BALT 35 CROOM / MD321022443500	3	0	\$0	\$0
FORT HOLABIRD / MD321022041900	6	0	\$542	\$0
FORT RITCHIE / MD321022075800 / (3)	2	5	\$2,406	\$7,565
HARRY DIAMOND LABORATORY GAITHERSBURG / MD321022273900	19	0	\$461	\$0
OLNEY MILITARY RESERVATION / MD321182417500	6	0	\$0	\$0
US ARMY RESEARCH LABORATORY ADELPHI / MD321382276200	41	0	\$1,248	\$0
USARC ANNAPOLIS / MD321042144500	4	0	\$0	\$0
USARC BALTIMORE (JECELIN) / MD321042281700	4	0	\$0	\$0
USARC BALTIMORE (SHERIDAN) / MD321042006100	3	0	\$0	\$0
USARC BALTIMORE (TURNER) / MD321042006200	3	0	\$0	\$0
USARC CAMP SPRINGS / MD32104MD01600	6	0	\$0	\$0
USARC CUMBERLAND / MD321042231700	8	0	\$0	\$0
USARC CURTIS BAY (AMSA 83) / MD32104MD02400	8	0	\$0	\$0
USARC CURTIS BAY (BRANDT) / MD321042257700	3	0	\$0	\$0
USARC FREDERICK (FLAIR) / MD32104MD01200	8	0	\$0	\$0
USARC GAITHERSBURG / MD321042273900	2	0	\$0	\$0
USARC GREENSPRING / MD321042137900	10	0	\$0	\$0
USARC HAGERSTOWN (ASF 111) / MD3210415GA200	5	0	\$0	\$0
USARC HAGERSTOWN (TAGG-ZIRKLE) / MD321042172500	6	0	\$0	\$0
USARC RIVERDALE / MD321042207100	3	0	\$0	\$0
USARC ROCKVILLE / MD321042182700	2	0	\$0	\$0
USARC WESTMINSTER / MD321042231000	7	0	\$0	\$0
NAVY				
ANNAPOLIS NSWC DET BAY HEAD ANNEX / MD317002752000 / (1)	3	0	\$282	\$0
CARDEROCK NSWC / MD317002468600	9	5	\$10,733	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Maryland				
FORMERLY USED DEFENSE SITES				
CAMP SOMERSET / MD39799F141100	1	0	\$76	\$0
EAST COAST RADIO RECEIVING STA / MD39799F141500	2	0	\$246	\$0
FORT ARMISTEAD / HAWKINS POINT FACILITIES / MD39799F140500	0	1	\$0	\$29
FORT CARROLL / MD39799F807200	0	1	\$0	\$0
FORT DETRICK #2 / MD39799F139100	1	0	\$35	\$0
FORT FOOTE / MD39799F847900	0	2	\$0	\$820
FORT HOLABIRD / MD39799F139200	1	0	\$27	\$0
HERMANVILLE GAP FILLER ANNEX / MD39799F142200	1	0	\$122	\$0
JOHNS HOPKINS UNIVERSITY LABORATORY / MD39799F812800	0	1	\$0	\$9
NIKE BA-09 (FORK) / MD39799F137400	3	0	\$479	\$0
NIKE BA-43 (FORT SMALLWOOD) / MD39799F138000	2	0	\$474	\$0
NIKE BA-79 / W-05 (GRANITE) / MD39799F138400	2	0	\$1,086	\$0
NIKE BA-92 (TOWSON) / MD39799F138600	2	0	\$347	\$0
NIKE W-25 (DAVIDSONVILLE) / MD39799F137500	1	0	\$410	\$0
NIKE W-36 (CROOM) / MD39799F137800	3	0	\$588	\$0
NIKE W-54 (POMONKEY) / MD39799F138300	1	0	\$127	\$0
NIKE W-92 (ROCKVILLE LAUNCH AREA) / MD39799F138500	2	0	\$121	\$0
NIKE W-93 (LAYTONSVILLE CONTROL AREA) / MD39799F820500	1	0	\$340	\$0
SHIP REPAIR DEPOT (CURTIS BAY) / MD39799F144100	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
ARMY				
AFRC CHICOPEE / MA1210414F2600	8	0	\$0	\$0
ARMY AVIATION SUPT FAC, CHICOPEE / MA121182507500	1	0	\$0	\$0
ARMY RESEARCH LABORATORY-WATERTOWN / MA121382093900 / (1) / (3)	18	0	\$100,899	\$0
BOSTON USARC / MA12104MA00400	4	0	\$149	\$0
DANVERS USARC / MA121042157800	16	0	\$997	\$0
FAMILY HOUSING BEDFORD 85 / MA121402548600	2	0	\$0	\$0
FAMILY HOUSING BEVERLY 15 / MA121402541600	2	0	\$0	\$0
FAMILY HOUSING BURLINGTON NIKE 84 / MA121402518000	2	0	\$0	\$0
FAMILY HOUSING HULL, MA 36 / MA121402028500	3	0	\$0	\$0
FAMILY HOUSING NAHANT, MA 17 / MA121402257300	2	0	\$0	\$0
FAMILY HOUSING RANDOLPH 55 / MA121402545600	2	0	\$0	\$0
FAMILY HOUSING SWANSEA 29 / MA121402553000	3	0	\$0	\$0
FAMILY HOUSING TOPSFIELD 5 / MA121402590700	4	0	\$0	\$0
FAMILY HOUSING WAKEFIELD 3 / MA121402540400	1	0	\$0	\$0
HINGHAM ANNEX / MA121402280500	20	0	\$3,463	\$0
NATIONAL GUARD FACILITY, REHOBOTH / MA121182525500	4	0	\$467	\$0
SUDBURY TRAINING ANNEX / MA121402300900 / (1) / (3)	72	0	\$14,129	\$0
USARC ATTLEBORO / MA1210414F0600	9	0	\$0	\$0
USARC BROCKTON (AMSA 66) / MA1210414F2000	13	0	\$304	\$0
USARC PITTSFIELD / MA1210414F6200	7	0	\$0	\$0
USARC ROSLINDALE / MA1210414F6800	7	0	\$246	\$0
USARC TAUNTON / MA1210414F7300	9	0	\$0	\$0
USARC WORCESTER / MA1210414F7700	9	0	\$0	\$0
WAYLAND ARNG ARMORY / MA121182529500	8	0	\$30	\$0
NAVY				
QUINCY NRC / MA117002207200	1	0	\$212	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
AIR FORCE				
NORTH TRURO AIR FORCE STATION / MA157212449300	1	0	\$212	\$0
WORCESTER AIR NATIONAL GUARD STATION / MA157282592200	1	0	\$300	\$0
FORMERLY USED DEFENSE SITES				
AA BAT / MA19799F826400	0	1	\$0	\$0
AFPLT #29 / MA19799F179800	1	0	\$13	\$0
AIR FORCE PLANT #28 / MA19799F196800	1	0	\$492	\$0
ANTI-AIRCRAFT BATTERY / MA19799F867700	0	1	\$0	\$0
BOSTON NAVAL ANNEX / MA19799F194500	2	0	\$197	\$0
BUTLERS POINT BATTERY / MA19799F809000	0	1	\$0	\$0
CHAPMAN VALVE EXP / MA19799F196500	1	0	\$39	\$0
CP CANDOIT / MA19799F199000	2	0	\$285	\$0
CP WELLFLEET / MA19799F178100	2	1	\$104	\$2,717
CUTTYHUNK ISL FC STA / MA19799F182600	1	0	\$204	\$0
EAST POINT FC STA / MA19799F182900	1	0	\$175	\$0
FORMER NIRS HINGHAM / MA19799F195000	1	0	\$27	\$0
FORT ANDREW / MA19799F810300	0	1	\$0	\$0
FORT ANDREWS / MA19799F197000	1	0	\$61	\$0
FORT HEATH / MA19799F184300	1	0	\$143	\$0
FORT REVERE / MA19799F184600	1	1	\$30	\$187
FORT SEWELL / MA19799F871600	0	1	\$0	\$0
FORT STRONG / MA19799F185000	2	1	\$137	\$0
FORT WARREN / MA19799F185100	2	0	\$172	\$0
FT RALPH-NAUSHAN ISL / MA19799F906200	0	1	\$0	\$0
GR BREWSTER ISL MIL RE / MA19799F197200	1	1	\$13	\$0
HADLEY NIRP / MA19799F186000	1	0	\$33	\$0
HOLLY HILL RADAR / MA19799F710500	1	0	\$30	\$0
IPSWICH DATA COL LABAX / MA19799F186700	2	0	\$44	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
LAKESIDE CAMP / MA19799F906000	0	1	\$0	\$0
LONG POINT BATTERY / MA19799F874500	0	1	\$0	\$0
MARTHA V YARD AWS STA6 / MA19799F187000	2	1	\$30	\$0
MINE TEST FACILITY / MA19799F196000	0	1	\$0	\$0
MISH PT ELE ROCK AX / MA19799F193000	1	1	\$31	\$0
NANTUCKET NAVFAC / MA19799F187900	2	1	\$52	\$64
NANTUCKET RAD ANX / MA19799F188000	1	0	\$14	\$0
NAS CHATHAM / MA19799F196000	0	1	\$0	\$0
NAT PLA / MA19799F984600	0	1	\$0	\$0
NAVAL TORPEDO STA / MA19799F809200	0	1	\$0	\$0
NAVY FUEL ANX&PIPELINE / MA19799F194900	3	0	\$8,240	\$0
NEW AAB / MA19799F851000	0	1	\$0	\$0
NEW SALEM GFA Z50E / MA19799F188600	1	0	\$32	\$0
NIKE HEADQUARTERS, MA / MA19799F178000	2	0	\$260	\$0
NIKE 03 / MA19799F178400	2	0	\$294	\$0
NIKE 29 / MA19799F179500	1	0	\$230	\$0
NIKE 63 / MA19799F179100	1	0	\$288	\$0
NIKE BAT BO-55 / MA19799F178200	1	0	\$20	\$0
NIKE BAT BO-73 / MA19799F179200	2	0	\$214	\$0
NIKE BO-05 / MA19799F178500	2	0	\$1,331	\$0
NIKE BO-15 / MA19799F178600	3	0	\$212	\$0
NIKE BO-37 / MA19799F178900	2	0	\$289	\$0
NIKE BO-84 / MA19799F179300	2	0	\$612	\$0
NIKE PR-19 / MA19799F177500	2	0	\$334	\$0
NUT ISLAND / MA19799F874600	0	1	\$0	\$0
OUTER BREWSTER ISL MIL / MA19799F197300	1	1	\$13	\$0
PILGRIM ORDNANCE WORKS / MA19799F691800	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
POINT ALLERTON MIL RES / MA19799F189200	1	0	\$43	\$0
PT ALLERTON SUR DET / MA19799F189500	1	0	\$27	\$0
SALISBURY BEACH / MA19799F811100	0	1	\$0	\$0
SCITUATE PROVE GROUND / MA19799F809600	0	1	\$0	\$0
SPRINGFLD ARMORY-RAIL / MA19799F758900	1	1	\$42	\$0
SPRINGFLD ARMORY-RAIL / MA19799F177600	1	1	\$13	\$0
SPRINGFLD ARMORY-WATER / MA19799F758700	0	1	\$0	\$0
SQUANTUM ELE RES AX / MA19799F193500	1	0	\$31	\$0
STANDISH-GURNET PT / MA19799F828900	0	1	\$0	\$0
STRAWBERRY PT FC STA / MA19799F190700	1	0	\$25	\$0
WALTHAM-RAYTHEON MFG / MA19799F196400	1	0	\$248	\$0
WASHBURN ISL / MA19799F023400	1	0	\$28	\$0
WESTBROUGH COMMO SITE / MA19799F191500	2	0	\$12	\$0
WESTOVER LIGHT AX #2 / MA19799F191900	1	0	\$0	\$0
WESTOVER LIGHT AX #3 / MA19799F192000	1	0	\$0	\$0
WESTOVER REMOTE SITE / MA19799F198500	1	0	\$35	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Michigan				
ARMY				
1LT ROBERT L POXON USARC / MI521042266200	4	0	\$0	\$0
2LT WALTER HAUPT USARC / MI521044Q22000	10	0	\$0	\$0
AMSA #136 (G) / MI521044JG4300	8	0	\$0	\$0
BG WILLIAM H. BIRBARI USARC / MI521044L21200	4	0	\$0	\$0
DEMUS T. CRAW USARC/BMA136 / MI521044Q22300	5	0	\$0	\$0
DETROIT ARSENAL / MI521382026800 / (1) / (2)	27	0	\$9,764	\$0
DONALD C. SCHORLING USARC / MI521044J20600	2	0	\$0	\$0
FORT CUSTER TRAINING CENTER / MI521182603500	2	0	\$0	\$0
GEORGE B. DOLLIVER USARC/AMSA / MI521044JG1500	10	0	\$0	\$0
KALAMAZOO MEMORIAL USARC / MI521044J21600	4	0	\$0	\$0
KEWEENAW FIELD STATION / MI521382258300	5	0	\$11	\$0
MG GUY M. WILSON USARC / MI521044L21100	3	0	\$0	\$0
PONTIAC STORAGE ACTIVITY / MI521002142000	10	0	\$0	\$0
RAYMOND ZUSSMAN USARC / MI521044T21400	3	0	\$0	\$0
USARC BAD AXE / MI521044J22500	5	0	\$0	\$0
USARC BAY CITY / MI521042207300	7	0	\$0	\$0
USARC DETROIT / MI521044J21000	4	0	\$0	\$0
USARC GRAND RAPIDS / MI521042037400	8	0	\$0	\$0
USARC JACKSON / MI521042193700	9	0	\$0	\$0
USARC LANSING (AMSA 40, SUB 1) / MI521044JG1600	4	0	\$0	\$0
USARC LIVONIA (AMSA 40) / MI521044JG4000	8	0	\$0	\$0
AIR FORCE				
WK KELLOGG REGIONAL AIRPORT / MI57282612100	10	0	\$4,878	\$0
FORMERLY USED DEFENSE SITES				
AAA SITE 76 / MI59799F232900	1	0	\$208	\$0
ALPENA AAF / MI59799F231100	1	0	\$23	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Michigan				
ALPENA NGTR / MI59799F228900	0	1	\$0	\$6
ANN ARBOR NGTR / MI59799F228800	0	1	\$0	\$2
AUTRAIN PRISONER-OF-WAR CAMPS / MI59799F683200	1	0	\$126	\$0
BIG BAY AAA FIRING RANGE / MI59799F729400	0	1	\$0	\$5
BIG RAPIDS NATL G RG / MI59799F228000	0	1	\$0	\$1
BURNSIDE GAP FLR ANX / MI59799F229400	1	0	\$131	\$0
CAMP RIVER ROUGE PK / MI59799F225500	1	1	\$140	\$5
CAMP WATERLOO CORRECTIONAL FACILITY / MI59799F225400	0	1	\$0	\$3
CHEMICAL WARFARE DEVELOPMENT DIVISION / MI59799FA20900	0	1	\$0	\$103
DELTA PROPERTIES / MI59799F236300	1	0	\$100	\$0
EAST JORDAN NGTR / MI59799F228700	0	1	\$0	\$16
EMERY GAP FILLER / MI59799F761100	1	0	\$69	\$0
EVELYN POW CAMP / MI59799F683500	1	0	\$170	\$0
FLINT NGTR / MI59799F228100	0	1	\$0	\$4
FORT CUSTER VA AREA / MI59799F225200	1	1	\$274	\$107
FORT WAYNE / MI59799F231900	3	0	\$1,131	\$0
GRAND MARAIS AFS M-109 / MI59799F232600	2	0	\$234	\$0
GRAND MARAIS GAP FILLER ANNEX / MI59799F229100	2	0	\$117	\$0
JACKSON NGTR / MI59799F228300	0	1	\$0	\$2
KALAMAZOO NG TRGT RG / MI59799F228600	0	1	\$0	\$2
NIKE D-87/PROUD LAKE/COMMERCE / MI59799F227100	2	0	\$691	\$0
NIKE D-97 - OAKLAND COMMUNITY COLLEGE / MI59799F227200	2	0	\$496	\$0
OWOSSO NGTR / MI59799F228400	0	1	\$0	\$2
PAINESDALE GAP FILLER / MI59799F229800	1	0	\$49	\$0
PETOSKEY GAP FILLER / MI59799F229600	1	0	\$42	\$0
RACO AAF-HIAWATHA NF / MI59799F226100	2	0	\$2,928	\$0
RIVER ROUGE PARK / MI59799F227800	2	0	\$256	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Michigan				
ROMULUS AAF / MI59799F226300	2	1	\$320	\$21
S.S. MARIE AREA B (MINNEAPOLIS WOODS) / MI59799F850600	1	0	\$105	\$0
SAGINAW NGTR / MI59799F228500	0	1	\$0	\$2
SAUGATUCK GAP FIL AX Z34G / MI59799F229300	2	0	\$305	\$0
SAULT STE MARIE GATR / MI59799F236600	1	0	\$120	\$0
SHELBY GAP FILLER ANNEX / MI59799F229900	1	0	\$82	\$0
SLEEPING BEAR DUNES / MI59799F224700	2	0	\$204	\$0
TRI-CITY AAF / MI59799F231500	0	1	\$0	\$8
USARC & NIKE D-17L / MI59799F234000	1	0	\$958	\$0
WAYNE STATE UNIV / MI59799F227000	1	0	\$63	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Midway Islands				
◆ NAVY				
MIDWAY NAF / MQ917002758400 / (1) / (3)	39	0	\$21,978	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Minnesota				
◆ ARMY				
AMSA #101 (G) / MN5210447G2300	10	0	\$0	\$0
CAMBRIDGE MEMORIAL USARC / MN521044723900	5	0	\$0	\$0
GEN BEEBE USARC/AMSA #111 (G) / MN521044724200	8	0	\$0	\$0
HENRY H. SIBLEY MEM USARC/OMS / MN521044726800	8	0	\$0	\$0
MANKATO MEMORIAL USARC / MN521044725600	11	0	\$0	\$0
MSG ARMIN C. LIEDER USARC / MN521044Q23800	6	0	\$0	\$0
PAYNESVILLE USARC / MN521044725900	4	0	\$0	\$0
TERRANCE A. PETERSON USARC / MN521044723700	3	0	\$0	\$0
USARC CANNON FALLS / MN521044724000	2	0	\$0	\$0
USARC DULUTH / MN521042245100	5	0	\$0	\$0
USARC FERGUS FALLS / MN521042291900	6	0	\$0	\$0
USARC LE SUEUR / MN521042234100	2	0	\$0	\$0
USARC MARSHALL / MN521044725700	4	0	\$0	\$0
USARC NEW PRAGUE / MN521004725800	1	0	\$0	\$0
USARC SO INTERNATIONAL FALLS / MN521044725300	9	0	\$0	\$0
USARC WALKER / MN521044726500	4	0	\$0	\$0
USARC WINONA / MN521044726700	4	0	\$0	\$0
WABASHA MEMORIAL USARC / MN521044726400	10	0	\$0	\$0
WILLMAR MEMORIAL USARC / MN521044726600	8	0	\$0	\$0
◆ AIR FORCE				
MINNEAPOLIS-ST. PAUL AIR RESERVE BASE / MN557122427500 / (1) / (3)	15	1	\$4,293	\$40
◆ FORMERLY USED DEFENSE SITES				
ASKOV GAP FILLER ANX / MN59799F237900	1	0	\$13	\$0
AURORA GAP FILLER ANNEX / MN59799F238000	1	0	\$0	\$0
BAUDETTE AFS RADAR SITE / MN59799F238500	2	0	\$496	\$0
FINLAND AFS Z-69 / MN59799F240100 / (3)	4	0	\$6,775	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Minnesota				
FT. SNELLING-NAT. CEM & AIR FORCE STATION / MN59799F237200	2	0	\$573	\$0
GRAND RAPIDS AFS / MN59799F237300	1	0	\$143	\$0
N/FIELD GAP FIL AX Z-35B / MN59799F241100	1	0	\$33	\$0
NIKE MSP-90/MN. SHERIFFS BOY'S RANCH / MN59799F240700	2	0	\$673	\$0
NIKE SITE BATTERY MSP-40 / MN59799F238100	4	0	\$182	\$0
OLIVIA POW CAMP / MN59799F911800	1	0	\$34	\$0
SECOR STA WORTHINGTON / MN59799F239300	1	0	\$17	\$0
USAF DULUTH MISSILE/USARC MAINT. SITE / MN59799F241700	2	0	\$190	\$0
WADENA AFB / MN59799F237000	2	0	\$123	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Mississippi				
ARMY				
AFRC JACKSON / MS4210429I3000	6	0	\$0	\$0
CLARKSDALE USARC / MS42104MS01200	8	0	\$0	\$0
CTA CAMP MC CAIN / MS421182818500	11	3	\$135	\$163
GULFPORT AVCRAD / MS421182819000	1	0	\$0	\$0
USARC BROOKHAVEN / MS4210429I0500	3	0	\$0	\$0
USARC GREENVILLE, MS / MS4210429I1600	2	0	\$0	\$0
USARC GREENWOOD (AMSA 144) / MS4210429I2000	13	0	\$0	\$0
USARC GULFPORT (HICKEY) / MS4210429I2300	4	0	\$0	\$0
USARC HATTIESBURG / MS4210429I2600	3	0	\$0	\$0
USARC JACKSON (SCOTT) / MS421042198300	11	0	\$0	\$0
USARC JACKSON (TERRY ROAD) / MS4210429I2500	1	0	\$0	\$0
USARC LAUREL / MS4210429I3700	9	0	\$0	\$0
USARC MERIDIAN / MS4210429I4200	4	0	\$0	\$0
USARC NATCHEZ / MS4210429I4600	3	0	\$0	\$0
USARC PASCAGOULA 02 / MS421042298600	3	0	\$0	\$0
USARC STARKVILLE / MS4210429I5800	2	0	\$0	\$0
USARC TUPELO / MS4210429I6400	6	0	\$0	\$0
USARC VICKSBURG 01 / MS421042MI7000	2	0	\$0	\$0
USARC VICKSBURG 03 / MS4210429IA100	9	0	\$0	\$0
USARC VICKSBURG 04 / MS4210429I7100	2	0	\$0	\$0
AIR FORCE				
JACKSON IAP (ALLEN C THOMPSON) / MS457282647800	5	0	\$1,698	\$0
FORMERLY USED DEFENSE SITES				
CAMP HILL / MS49799F008900	0	1	\$0	\$178
CAMP MCCAIN MANEUVER AREA / MS49799F003000	0	1	\$0	\$0
CAMP SHELBY RAILHEAD FACILITY / MS49799F000400	1	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Mississippi				
CAMP/FT MCCAIN / MS49799F000300	0	1	\$0	\$1,137
CLINTON POW CAMP / MS49799F000900	2	0	\$565	\$0
FLETCHER AIR FIELD / MS49799F002000	1	0	\$163	\$0
GREENVILLE MUNIC AIRPORT / MS49799F000700	1	0	\$56	\$0
GULFPORT AAF POORMAN FLEX / MS49799F003900	0	1	\$0	\$152
GULFPORT AIR NG GAS BARGE / MS49799F004000	1	0	\$697	\$0
HANCOCK CO. BOMBING & GUNNERY RANGE / MS49799F003300	0	2	\$0	\$736
HAWKINS AIRFIELD / MS49799F001200	3	0	\$1,136	\$0
HINDS CNTY MUNIC AIRPORT / MS49799F009500	1	0	\$72	\$0
HORN ISLAND CWS SITE / MS49799F004800	0	1	\$0	\$30
JACKSON FAIRGROUNDS (CWM) / MS49799F939000	0	1	\$0	\$82
KEESLER DIR FINDER AX / MS49799F010400	1	0	\$128	\$0
KEY FIELD RIFLE RANGE / MS49799F805100	0	1	\$0	\$68
KEY MILITARY AFB / MS49799F000200	1	0	\$59	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Missouri				
ARMY				
1LT R W HEISINGER USARC / MO721045FM0500	8	0	\$0	\$0
CPL FORREST E PEDEN USARC / MO721045FM1200	8	0	\$0	\$0
CPL JESSE N FUNK USARC / MO721045FM0100	1	0	\$0	\$0
ECS 66 / MO721045FM2000	10	0	\$0	\$0
FAMILY HOUSING ST LOUIS AREA SUPPORT CENTER ANNEX / MO721382977700	4	0	\$0	\$0
FARMINGTON USARC / MO721045NM2600	1	0	\$0	\$0
FORT LEONARD WOOD USARC / MO721045FM1600	1	0	\$0	\$0
GATEWAY AAP / MO721002081300	10	0	\$0	\$0
HANNIBAL USARC / MO721045FM2400	1	0	\$0	\$0
JOPLIN USARC / MO721045FM0600	2	0	\$0	\$0
KIRKSVILLE LTA / MO721045FM2700	1	0	\$0	\$0
MEL CARNAHAN MEMORIAL AFRC / MO721045FM0900	7	0	\$0	\$0
MG LE JONES USARC / MO721045FM0300	4	0	\$0	\$0
MG LIEF J SVERDRUP USARC/AMSA / MO721045FM1700	2	0	\$0	\$0
MTA CAMP CLARK NEVADA / MO721182950500	0	5	\$0	\$171
NIKE KANSAS CITY 30 / MO721372233100	20	0	\$1,952	\$0
SGT CHARLES R LONG USARC / MO721045FM0700	3	0	\$0	\$0
SPC CLIFFORD M. DAVIS USARC / MO721045FM0200	5	0	\$0	\$0
SPRINGFIELD AFRC / MO721045FM1000	16	0	\$0	\$0
ST LOUIS ARMY AMMUNITION PLANT / MO721382122200	6	0	\$0	\$0
USARC CAPE GIRARDEAU / MO721045FM0400	1	0	\$0	\$0
USARC KIRKSVILLE (GRIM-SMITH) / MO721045FM2100	1	0	\$0	\$0
USARC POPLAR BLUFF / MO721045FM0800	1	0	\$0	\$0
USARC ST LOUIS (AMSA 55) / MO721045FM1400	17	0	\$0	\$0
USARC ST LOUIS (HAMPTON) / MO721045FM1300	4	0	\$0	\$0
WASHINGTON USARC / MO721045NM2500	3	0	\$0	\$0
WELDON SPRING USARC/LTA / MO721045FM1100	1	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Missouri				
NAVY				
KANSAS CITY MO MCRCO / MO017006738600	1	0	\$121	\$0
AIR FORCE				
JEFFERSON BARRACKS AIR GUARD STATION / MO757282963400	2	0	\$644	\$0
LAMBERT ST. LOUIS INTERNATIONAL AIRPORT / MO757282529000	3	0	\$325	\$0
FORMERLY USED DEFENSE SITES				
AF 819 SPECIAL DEPOT / MO79799F037800	1	0	\$13	\$0
AF PLANT #65 / MO79799F037600	2	0	\$1,397	\$0
BELTON ISLAND OUT MRK AX / MO79799F040700	1	0	\$13	\$0
FEDERAL CENTER COMPLEX / MO79799F034500	2	0	\$1,670	\$0
FORDLAND AFS P-68 / MO79799F038500	1	0	\$743	\$0
FOREST PARK RECREATION CAMP / MO79799F940200	0	1	\$0	\$467
GASCONADE BOAT YARD / MO79799F842200	2	0	\$878	\$0
JEFFERSON BARRACKS / MO79799F034900 / (1)	1	1	\$100	\$1,440
JEFFERSON BARRACKS RIF RG / MO79799F035100	0	1	\$0	\$0
KCDA NIKE BATTERY 10 / MO79799F035400	2	0	\$80	\$0
KCDA NIKE BATTERY 30 - LAUNCH FACILITY / MO79799F849200	1	0	\$63	\$0
MIL PERSON RECORD CENTER / MO79799F035900	1	0	\$19	\$0
NIKE HERCULES SL-60 / MO79799F041000	1	0	\$86	\$0
ROSECRANS FLD RIFLE RNG / MO79799F039700	0	1	\$0	\$0
ST. LOUIS ORDNANCE PLANT / MO79799F093300	3	0	\$63	\$0
ST. LOUIS TANK ARMOUR / MO79799F036800	1	0	\$15	\$0
VICHY G F ANX P-70C / MO79799F040300	1	0	\$166	\$0
WELDON SPRING ORD WORKS / MO79799F037400	9	0	\$232,301	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Montana				
ARMY				
BUTTE AFRC / MT821046FF0600	5	0	\$0	\$0
FORT MISSOULA / MT821402059200	21	1	\$813	\$0
HELENA AFRC / MT821042159100	5	0	\$0	\$0
KALISPELL AFRC / MT821046FF1400	8	0	\$0	\$0
USARC BILLINGS (AMSA 5-G) / MT821042208700	11	0	\$0	\$0
USARC BOZEMAN / MT821046FF0400	1	0	\$0	\$0
USARC GREAT FALLS / MT821046FF0900	5	0	\$0	\$0
USARC HELENA (ECS 6) / MT821042387800	10	0	\$0	\$0
NAVY				
BILLINGS NMCRC / MT817002341600	1	0	\$0	\$0
BUTTE NRF / MT817002472400	1	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
BROWNING GAP FILLER ANNEX P-24A / MT89799F061800	1	0	\$51	\$0
DEL BONITA AFS / MT89799F070500	2	0	\$2,466	\$0
FT W H HARRISON ARMY POST / MT89799F061100	0	1	\$0	\$0
GALATA GAP FILLER ANNEX (P-25A) / MT89799F062300	1	0	\$52	\$0
GLASGOW AFB / MT89799F062400	5	0	\$5,443	\$0
GLASGOW ARMY AIR FIELD / MT89799F059900	2	1	\$809	\$114
GLASGOW WAT SYS AX #2 / MT89799F063000	1	0	\$65	\$0
GLENDIVE GAP FI AX TM177A / MT89799F063100	1	0	\$46	\$0
OPHEIM AFS Z-26 / MT89799F065900	2	0	\$434	\$0
SWEETGRASS GAP FILLER ANX / MT89799F066400	1	0	\$43	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Nebraska				
ARMY				
COLUMBUS USARC / NE721042378300	1	0	\$0	\$0
GEN JC FREMONT MEMORIAL / NE721042291800	5	0	\$0	\$0
HASTINGS USARC / NE72104NE00500	3	0	\$0	\$0
MCCOOK USARC / NE721045CG2700	1	0	\$0	\$0
MEADE WET SITE / NE721042244200	1	0	\$0	\$0
NORTH PLATTE (AMSA) / NE721045CG3800	10	0	\$0	\$0
NORTH PLATTE USARC / NE721045CG2000	2	0	\$0	\$0
OMAHA USARC/AMSA / NE721045CG2200	7	0	\$0	\$0
PVT ROBERT D BOOKER USARC / NE72104NE01500	3	0	\$0	\$0
USARC FAIRBURY / NE721045CG0400	3	0	\$0	\$0
USARC GRAND ISLAND / NE721045CG0800	2	0	\$0	\$0
USARC KEARNEY / NE721045CG1200	1	0	\$0	\$0
USARC LINCOLN / NE721045CG1400	2	0	\$0	\$0
USARC PLATTSMOUTH / NE721045CG2600	1	0	\$0	\$0
USARC SYRACUSE / NE721045CG2800	1	0	\$0	\$0
WYMORE USARC / NE721042389700	3	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
FAIRMONT ARMY AIRFIELD / NE79799F042300	1	0	\$27	\$0
FORT OMAHA / NE79799F042500	1	0	\$17	\$0
HARVARD PREC BMG RNG #5 / NE79799F043500	0	1	\$0	\$118
HARVARD TARGET RNG / NE79799F043600	0	1	\$0	\$1,177
KEARNEY AFB / NE79799F043800	1	0	\$194	\$0
LINCOLN AFB AF FAC S-12 / NE79799F048400	1	0	\$118	\$0
LINCOLN AFB AF FAC S-2 / NE79799F047900	2	0	\$174	\$0
LINCOLN AFB AF FAC S-5 / NE79799F048100	1	0	\$62	\$0
LINCOLN AFB AF FAC S-9 / NE79799F047200 / (3)	1	0	\$2,192	\$0
LINCOLN AFB NIKE BATTERY LI-50 (CONTROL) / NE79799F695100	1	0	\$178	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Nebraska				
LINCOLN COMM ANX #1 / NE79799F045300	2	0	\$350	\$0
LINCOLN RADIO BEACON ANX / NE79799F045700	1	0	\$13	\$0
MCCOOK AIR TO GROUND GUNNEY RANGE / NE79799F044000	0	1	\$0	\$128
MCCOOK ARMY AF / NE79799F047600	0	1	\$0	\$93
OFFUTT AFB NIKE BATTERY OF-60 (CONTROL) / NE79799F046000	2	0	\$178	\$0
OFFUTT AFB NIKE BATTERY OF-60 (LAUNCHER) / NE79799F695200	2	0	\$293	\$0
PIERCE AIR TO GRN GNRY R / NE79799F044300	0	1	\$0	\$142
SCRIBNER AAF / NE79799F046100	1	0	\$13	\$0

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Nevada				
AIR FORCE				
CREECH AFB / NV957212450200	13	0	\$924	\$0
NELLIS RANGES ALL / NV957212411001	14	5	\$933	\$0
TONOPAH TTR / NV957212411200	17	0	\$800	\$0
FORMERLY USED DEFENSE SITES				
AERIAL GUNNERY RANGE NO. 4 / NV99799F604200	1	1	\$609	\$110
CAMP WILLISTON / NV99799F601200	0	1	\$0	\$0
DELAMAR DRY LAKE TEST ANNEX / NV99799F600600	0	1	\$0	\$1
DENIO GAP FILLER ANNEX M-127E / NV99799F572900	1	0	\$15	\$0
DIXIE VALLEY BOMBING TARGET / NV99799FA30100	0	1	\$0	\$1
FALLON AERIAL GUNNERY RANGE, EAST / NV99799FA30700	0	1	\$0	\$1
FALLON AERIAL GUNNERY RANGE, WEST / NV99799FA30800	1	1	\$634	\$24
FALLON BOMBING TARGET A / NV99799FA30000	0	1	\$0	\$25
GABBS GAP FILLER ANNEX / NV99799F176100	1	0	\$299	\$0
INDIAN SPRINGS AF AUX FIELD / NV99799F601300	0	1	\$0	\$0
LAS VEGAS AF STATION / NV99799F601500	1	1	\$103	\$189
LOVELOCK TARGET NO. 1 / NV99799FA29500	0	1	\$0	\$2
LOVELOCK TARGET NO. 2 / NV99799FA29800	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA B / NV99799F910800	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA C / NV99799F910900	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA D / NV99799F911000	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA F / NV99799F911200	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA H / NV99799F911300	0	1	\$0	\$2
NELLIS AIR FORCE RANGE, AREA I / NV99799F911400	0	1	\$0	\$2
PINE GROVE FLAT / NV99799F600900	1	0	\$201	\$0
PLANCOR 201-C / NV99799F603900	1	0	\$902	\$0
QUINN RIVER GAP FILLER ANNEX M-127A / NV99799F691600	1	0	\$723	\$0
TONOPAH ARMY AIRFIELD / NV99799F603300	2	1	\$942	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Nevada				
TONOPAH ARMY AIRFIELD PRACTICE BOMBING RANGES / NV99799F989300	1	1	\$3	\$166
TONOPAH BOMBING RANGE / NV99799FA26000	0	1	\$0	\$5
TONOPAH RIFLE RANGE / NV99799F603400	1	2	\$2,530	\$10
TORPEDO & BOMBING RANGE, PYRAMID LAKE / NV99799FA29600	1	1	\$0	\$341
USAR CENTER LAS VEGAS / NV99799F602300	0	1	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New Hampshire				
ARMY				
GRENIER FIELD USARC / NH121042286300	20	0	\$17	\$0
HOPKINTON DAM ARNG / NH121183303500	1	1	\$0	\$0
KEENE USARC / NH121042301500	16	0	\$131	\$0
USARC MANCHESTER / NH1210414K2800	4	0	\$0	\$0
USARC ROCHESTER / NH121042174800	10	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CONCORD POINT RAD STA / NH19799F208800	1	0	\$39	\$0
CP LANGDON / NH19799F735900	1	1	\$44	\$0
FORT CONSTITUTION / NH19799F208900	1	1	\$32	\$0
FORT DEARBORN / NH19799F209000	2	1	\$0	\$0
FORT STARK / NH19799F208100	1	1	\$0	\$0
ICING RES AX N CONWAY / NH19799F209200	1	0	\$55	\$0
MASSAHESES NG TRGT RNG / NH19799F208500	2	1	\$216	\$0
MT WASH EQU & EXP STA / NH19799F209400	1	0	\$45	\$0
MT WASH TEST SITE / NH19799F209500	1	0	\$0	\$0
WRIGHT AIR DEV CEN / NH19799F210300	1	0	\$38	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New Jersey				
ARMY				
BAYONNE MILITARY OCEAN TERMINAL / NJ221352275200	48	0	\$18,624	\$0
BRITTIN USARC / NJ221042092000	4	0	\$0	\$0
CAMP PEDRICKTOWN / NJ221402227000 / (1)	6	4	\$4,902	\$404
FAMILY HOUSING NIKE NY 54 HOLMDEL / NJ221403465500	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 60 OLD BRIDGE / NJ221403466100	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 79 80 LIVINGSTON / NJ221403467900	3	0	\$385	\$0
FAMILY HOUSING NIKE NY 93 94 FRANKLIN LKS / NJ221403469300	4	0	\$0	\$0
FAMILY HOUSING NIKE PHILA 41 43 CLEMENTON / NJ221403474100	2	0	\$79	\$0
FORT DIX BRAC / NJ221402027500	4	1	\$30,650	\$0
SIEVERS-SANDBERG USARC / NJ22104N01300	1	0	\$0	\$0
STORCK USARC, NORTHFIELD / NJ221042202500	5	0	\$0	\$0
STRYKER USARC, TRENTON / NJ221042099900	4	0	\$0	\$0
USARC EDISON (WEIGEL) / NJ221042209000	3	0	\$0	\$0
USARC LODI / NJ221042143700	7	0	\$0	\$0
USARC MOUNT FREEDOM / NJ221042228900	7	0	\$0	\$0
AIR FORCE				
GIBBSBORO AIR FORCE STATION / NJ257212547100	1	0	\$0	\$0
WARREN GROVE WGR / NJ257282885900	3	0	\$276	\$0
FORMERLY USED DEFENSE SITES				
ATLANTIC LOADING / NJ29799F895400	0	1	\$0	\$0
BETHLEHEM LOADING / NJ29799F895500	0	1	\$0	\$0
BLACK POINT TARGET / NJ29799F959500	0	1	\$0	\$264
FRANKFORD ARSENAL - PALMYRA / NJ29799F982100	0	1	\$0	\$0
HIGHLAND AIR DEF / NJ29799F094200	2	0	\$2,446	\$0
MORGAN ORD SUP DEPOT / NJ29799F733500	0	2	\$0	\$1,892
NAS WILDWOOD / NJ29799F103900	2	1	\$8	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New Jersey				
NAV IND RES PL / NJ29799F101300	1	0	\$13	\$0
NAVAL IND RESRV PLANT / NJ29799F959700	1	0	\$0	\$0
TUCKAHOE WEAPON TEST / NJ29799F897300	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New Mexico				
ARMY				
USARC ALBUQUERQUE / NM621045XH2000	2	0	\$0	\$0
USARC ALBUQUERQUE (JENKINS) / NM621045BH0200	6	0	\$0	\$0
USARC ARTESIA / NM621045BH0400	5	0	\$0	\$0
USARC LAS CRUCES / NM621042196900	4	0	\$0	\$0
USARC ROSWELL / NM621045BH1900	1	0	\$0	\$0
USARC SANTE FE / NM62104NM00700	2	0	\$0	\$0
USARC SILVER CITY / NM621045BH1000	4	0	\$0	\$0
AIR FORCE				
MELROSE / NM657212445401 / (3)	1	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CLOVIS PBR #1 / NM69799F617900	0	1	\$0	\$224
CONTINENTAL DIV AFS P-7 / NM69799F613300	3	0	\$251	\$0
GAGE GAP FIL AX M95C / NM69799F622300	1	0	\$62	\$0
HOBBS PBR #15 / NM69799F623800	0	1	\$0	\$0
HOBBS PBR #21 / NM69799F624000	0	1	\$0	\$0
MORIARTY AFS P-51 / NM69799F626500	1	0	\$245	\$0
PADDY AUXILLARY LANDING FIELD S-1 / NM69799F908500	0	1	\$0	\$1
SANDIA BASE, BELEN COMM F / NM69799F626800	1	0	\$214	\$0
WAFB FAC SITE #1 / NM69799F627400	2	0	\$304	\$0
WAFB FAC SITE #10 / NM69799F628300	1	0	\$181	\$0
WAFB FAC SITE #11 / NM69799F628400	2	0	\$175	\$0
WAFB FAC SITE #12 / NM69799F628500	3	0	\$621	\$0
WAFB FAC SITE #2 / NM69799F627500	2	0	\$360	\$0
WAFB FAC SITE #3 / NM69799F627600	1	0	\$502	\$0
WAFB FAC SITE #4 / NM69799F627700	1	0	\$515	\$0
WAFB FAC SITE #5 / NM69799F627800	2	0	\$150	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New Mexico				
WAFB FAC SITE #6 / NM69799F627900	2	0	\$365	\$0
WAFB FAC SITE #7 / NM69799F628000	1	0	\$30	\$0
WAFB FAC SITE #8 / NM69799F628100	2	0	\$869	\$0
WAFB FAC SITE #9 / NM69799F628200	1	0	\$813	\$0
WAFB ROSWELL N-11 PBR #28 / NM69799F631900	0	1	\$0	\$159
WAFB ROSWELL N-7 PBR #8 / NM69799F630500	0	1	\$0	\$159
WAFB ROSWELL N-9 PBR #9 / NM69799F630600	0	1	\$0	\$145
WAFB ROSWELL PBR #13 / NM69799F631000	0	1	\$0	\$124
WAFB ROSWELL PBR #14 / NM69799F631100	0	1	\$0	\$143
WAFB ROSWELL PBR #16 / NM69799F631200	0	1	\$0	\$262
WAFB ROSWELL PBR #22 / NM69799F631600	0	1	\$0	\$138
WAFB ROSWELL S-10 / NM69799F629500	0	1	\$0	\$245
WAFB ROSWELL S-11 PBR #1 / NM69799F630000	0	1	\$0	\$172
WAFB ROSWELL S-17 PBR #32 / NM69799F632000	0	1	\$0	\$141
WAFB ROSWELL S-9 PBR #5 / NM69799F630200	0	1	\$0	\$147

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New York				
ARMY				
AFRC ALBANY / NY221042141200	9	0	\$0	\$0
AFRC FORT WADSWORTH / NY22104NY02400	6	0	\$0	\$0
AFRC HORSEHEADS / NY221042143600	6	0	\$0	\$0
AMITYVILLE USARC / NY221042161500	7	0	\$0	\$0
BELLMORE MAINTENANCE FACILITY / NY2210217M0700	16	0	\$617	\$0
CANTON USARC / NY221042206300	7	0	\$0	\$0
ELIHU ROOT USARC / NY221042149100	7	0	\$0	\$0
ERNIE PYLE USARC/AMSA #12 (G) / NY22104NY02300 / (1)	1	2	\$29	\$280
FAMILY HOUSING DRY HILL WATERTOWN / NY221403620900	4	0	\$0	\$0
FAMILY HOUSING MANHATTAN BEACH / NY221403645000	3	0	\$0	\$0
FAMILY HOUSING NIKE NY 1 ORANGEBURG / NY221403657000	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 25 BROOKHAVEN / NY221403665000	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 99 SPRING VALLEY / NY221403665900	4	0	\$0	\$0
FARMINGDALE WETS / NY221183612000	5	0	\$351	\$0
FLOYD WETS SITE / NY221042301300	3	0	\$0	\$0
FORT TILDEN / NY221002088900	3	0	\$0	\$0
FORT TOTTEN / NY221022089700	17	4	\$857	\$0
MCGRATH USARC / NY221042206400	4	0	\$0	\$0
NG YOUNGSTOWN TNG SITE / NY221183646500	5	0	\$0	\$0
ORANGEBURG USARC / NY221042158700	18	0	\$0	\$0
ROCHESTER CSMS & USPFO WAREHOUSE / NY221183636000	7	0	\$0	\$0
ROCKY POINT USARC / NY22104NY07400	7	0	\$21	\$0
ROOSEVELT USARC, HEMPSTEAD / NY221042174500	2	0	\$0	\$0
ROTTERDAM USARC AMSA 8 / NY221042274800	12	0	\$0	\$0
SEWARD AFRC / NY221042183600	1	0	\$0	\$0
SKANEATELES WET SITE / NY221042300300	1	0	\$0	\$0
STEWART ANNEX (USMA) / NY221462283700	20	0	\$144	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New York				
USARC AMHERST / MA22104MA00100	9	0	\$0	\$0
USARC AMSA 9 / NY22104NY04000	2	0	\$0	\$0
USARC BATAVIA / NY221042242300	2	0	\$0	\$0
USARC BRONX (PATTERSON) / NY221042012400	2	0	\$0	\$0
USARC BRONX (YONKERS) / NY221042224600	3	0	\$0	\$0
USARC BULLVILLE / NY221042254700	11	0	\$0	\$0
USARC CANANDAIGUA / NY221042231600	6	0	\$0	\$0
USARC CORNING / NY221042179400	5	0	\$0	\$0
USARC ELIZABETHTOWN / NY221041DM2300	10	0	\$0	\$0
USARC GERRY / NY221042305200	5	0	\$0	\$0
USARC GLENS FALLS / NY221041DM2800	1	0	\$0	\$0
USARC HORSEHEADS (AMSA 2G) / NY22104NY03100	15	0	\$0	\$0
USARC ITHACA / NY221042184100	1	0	\$0	\$0
USARC KINGSTON / NY221042179300	8	0	\$0	\$0
USARC LIVERPOOL / NY221042160800	10	0	\$0	\$0
USARC MALONE / NY221042179200	7	0	\$0	\$0
USARC MASSENA (ECS-1 SUBSHOP A) / NY22104NY02000	10	0	\$0	\$0
USARC NEWBURGH (ASF 10) / NY22104NY04300	5	0	\$0	\$0
USARC NEWBURGH (DUPONT) / NY2210415M4800	1	0	\$0	\$0
USARC NEWBURGH (STEWART FIELD) / NY2210417MG100	5	0	\$0	\$0
USARC NIAGARA FALLS (AMSA 5) / NY221041DMZ200	25	0	\$0	\$0
USARC OGDENSBURG / NY221042179100	4	0	\$0	\$0
USARC OLEAN / NY221041DM5500	2	0	\$0	\$0
USARC OSWEGO / NY221042243200	4	0	\$0	\$0
USARC PENN YAN / NY221042248500	3	0	\$0	\$0
USARC PLATTSBURG / NY221042184000	8	0	\$0	\$0
USARC POUGHKEEPSIE / NY221042144200	4	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New York				
USARC QUEENS / NY22104NY03300	7	0	\$0	\$0
USARC SCHENECTADY (BRADT) / NY221042188200	11	0	\$0	\$0
USARC SYRACUSE (ASF 6) / NY2210415MA200	9	0	\$0	\$0
USARC TAPPAN / NY221042279400	6	0	\$0	\$0
USARC TONAWANDA / NY221042188600	5	0	\$0	\$0
USARC WATERTOWN / NY221042179000	11	0	\$0	\$0
USARC WAYLAND / NY22104NY06900	4	0	\$0	\$0
USARC WEBSTER (AMSA 7G) / NY221042302200	12	0	\$0	\$0
NAVY				
BINGHAMPTON NRC / NY217002220400	1	0	\$1,328	\$0
FLOYD BENNETT FIELD NMCRC / NY217002728400	1	0	\$0	\$0
NEW YORK NS FORT WADSWORTH / NY217002426000	5	0	\$118	\$0
SYRACUSE MCRTC / NY217009999900	1	0	\$222	\$0
AIR FORCE				
AIR FORCE PLANT 59 / NY257172464100 / (1) / (3)	7	0	\$5,489	\$0
NIAGARA FALLS INTERNATIONAL AIRPORT / NY257282427300	3	0	\$0	\$0
ROSLYN ANGB / NY257282429600	14	1	\$940	\$0
YOUNGSTOWN / NY257172839100	10	0	\$93	\$0
FORMERLY USED DEFENSE SITES				
AFPLT NO 49 / NY29799F111600	1	0	\$13	\$0
COLD SPRING FOUNDRY / NY29799F980900	0	1	\$0	\$4,835
FORT ONTARIO / NY29799F115300	0	1	\$0	\$0
FT MADISON BARRACKS / NY29799F105800	1	0	\$64	\$0
MALTA TEST STA / NY29799F128100	2	1	\$2,000	\$192
MARATHON BAT PLT / NY29799F114200	1	0	\$6,469	\$0
MILLER FLD / NY29799F105300	1	0	\$395	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
New York				
N HILL FIRE CON STA / NY29799F118900	0	1	\$0	\$0
NIAG FALLS AR CHEM PLT / NY29799F109100	1	0	\$216	\$0
NIKE BAT NF16 / NY29799F108500	1	0	\$729	\$0
NIKE BU 09 / NY29799F108400	1	0	\$65	\$0
NIKE NF-41 / NY29799F107700	2	0	\$183	\$0
NIKE NY 99 / NY29799F107100	2	0	\$416	\$0
NIKE NY-25 CON AREA / NY29799F107000	1	0	\$481	\$0
PLATTSBURGH ATLAS S-7 / NY29799F109800	0	1	\$0	\$0
R/WAY PT FCS #13 / NY29799F120600	1	0	\$56	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
North Carolina				
ARMY				
AFRC ASHEBORO / NC421042EJ0400	1	0	\$0	\$0
AFRC GREENSBORO (RIVES) / NC4210428J2400	3	0	\$0	\$0
CAMP MACKALL / NC421402054000	0	25	\$0	\$0
FORT BRAGG RECREATION CENTER #2 / NC421402032800	2	0	\$95	\$0
MILITARY OCEAN TERMINAL SUNNY POINT / NC421352138600	18	0	\$1,551	\$0
TARHEEL ARMY MISSILE PLANT / NC421382187400	28	0	\$914	\$0
USARC ALBEMARLE / NC421042204600	4	0	\$0	\$0
USARC BREVARD / NC421042EJ0700	2	0	\$0	\$0
USARC CHARLOTTE / NC421042EJ1100	7	0	\$0	\$0
USARC CONCORD / NC421042303200	1	0	\$0	\$0
USARC DURHAM / NC421042EJ1600	3	0	\$0	\$0
USARC DURHAM 02 / NC421042EJ1700	1	0	\$0	\$0
USARC FORT BRAGG / NC42104NC01700	7	0	\$0	\$0
USARC GARNER / NC4210428J2200	4	0	\$0	\$0
USARC GRAHAM / NC421042EJ2300	1	0	\$0	\$0
USARC GREENSBORO / NC4210428J2500	3	0	\$0	\$0
USARC GREENVILLE / NC4210428J2600	6	0	\$0	\$0
USARC HICKORY / NC421042162600	2	0	\$0	\$0
USARC KINSTON / NC4210428J3700	5	0	\$0	\$0
USARC MOREHEAD CITY / NC421042290600	5	0	\$0	\$0
USARC RALEIGH 01 / NC42104NC03800	2	0	\$0	\$0
USARC ROCKY MOUNT / NC421042162400	2	0	\$0	\$0
USARC SALISBURY / NC4210428J6200	3	0	\$0	\$0
USARC WILMINGTON / NC421042192900	4	0	\$0	\$0
USARC WILMINGTON (AMSA 126-G) / NC4210428J7100	5	0	\$0	\$0
USARC WINSTON-SALEM (KING) / NC42104NC04900	4	0	\$0	\$0
USARC WINSTON-SALEM 01 / NC4210428J7500	2	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
North Carolina				
WILMINGTON OMS #17 / NC421183752000	1	0	\$3	\$0
AIR FORCE				
BADIN AIR GUARD STATION / NC457282589200	2	0	\$460	\$0
DARE COUNTY / NC457212447401 / (3)	2	0	\$857	\$0
FORMERLY USED DEFENSE SITES				
ALLEN GAP FILLER ANNEX / NC49799F486400	1	0	\$25	\$0
BUXTON NAVAL FACILITY / NC49799F482500	3	0	\$1,694	\$0
CAMP HAPPY / NC49799F794400	0	1	\$0	\$63
DAVIS AWS STA NO. 15 / NC49799F487500	1	0	\$40	\$0
ENGELHARD GFA / NC49799F486700	1	0	\$201	\$0
FORT FISHER / NC49799F489600	0	1	\$0	\$193
FT GREEN / NC49799F483100	0	1	\$0	\$219
KITTY HAWK AWS STA #14 / NC49799F487600	1	0	\$43	\$0
MOORE GENERAL HOSP / NC49799F487800	1	0	\$87	\$0
NEW HANOVER CNTY ARPT / NC49799F483500	4	0	\$1,508	\$0
OCRACOCKE SECTION BASE / NC49799F790400	1	0	\$212	\$0
ROANOKE RAPIDS AFS / NC49799F484100	1	0	\$150	\$0
STALLINGS AIR BASE / NC49799F678900	3	0	\$832	\$0
WEEKSVILLE NAV AIR FAC / NC49799F491100	3	0	\$885	\$0
WHALE HEAD / NC49799F973300	0	1	\$0	\$58
WINST-SAL NAV WEA IND / NC49799F490100	1	0	\$77	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
North Dakota				
ARMY				
DAVID F. JOHNSON MEM USARC / ND821042260800	8	0	\$0	\$0
LEWIS AND CLARK USARC (AMSA 23) / ND821042051300	16	0	\$0	\$0
MICKELSEN STANLEY R SFG MSR / ND821362278000	8	0	\$1,639	\$0
USARC GRAND FORKS / ND821042292300	6	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ALEXANDER GAP FIL AX Z28E / ND89799F071200	1	0	\$336	\$0
DICKINSON AFS Z-177 / ND89799F071000	2	0	\$837	\$0
NIOBE GAP FILER ANNEX Z-28A / ND89799F076900	1	0	\$35	\$0
REGAN GAP FIL AX Z-28D / ND89799F071400	1	0	\$336	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Northern Mariana Islands				
FORMERLY USED DEFENSE SITES				
CHALAN KANOA ELEMENTARY SCHOOL / CN99799F966200	1	0	\$763	\$0
GARAPAN FUEL PIPELINE / CN99799F373200	2	0	\$953	\$0
ISLEY FIELD / CN99799F693000	2	0	\$20	\$0
KAGMAN AIRFIELD / CN99799F372700	1	0	\$1,410	\$0
KAGMAN CAVES / CN99799F372500	1	0	\$540	\$0
QUARTERMASTER STATION / CN99799F372400	1	0	\$62	\$0
SURPLUS AREA - WEST FIELD / CN99799F990100	2	0	\$179	\$0
TANAPAG VILLAGE PCB CONTAMINATION / CN99799F711900 / (3)	1	0	\$19,749	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Ohio				
ARMY				
1LT G. N. FAZE USARC / OH521042297600	7	0	\$0	\$0
2LT GEO. F. PENNINGTON USARC / OH521044161800	10	0	\$0	\$0
DELAWARE MEMORIAL USARC / OH521042225400	7	0	\$0	\$0
LTA - MARION ENGR DEPOT EAST / OH521042253400 / (3)	2	0	\$2,305	\$0
PVT WILLIAM KNIGHT USARC / OH521040H00400	9	0	\$0	\$0
SCHAFFNER USARC/AMSA #3 BMA / OH521042157900	9	0	\$0	\$0
SFC M. L. DOWNS USARC/AMSA#58 / OH521044162300	4	0	\$0	\$0
SSG GEORGE J. CONAWAY USARC / OH521044163200	8	0	\$0	\$0
SSG JOHN H. KUNKEL USARC / OH521044163500	9	0	\$0	\$0
TROY MEMORIAL USARC / OH521042243300	1	0	\$0	\$0
US ARMY JOINT SYSTEM MANUFACTURING CENTER, LIMA / OH521382051000	10	0	\$17	\$0
USARC AKRON (WOODFORD) / OH521042255700	6	0	\$0	\$0
USARC BELLAIRE / OH521044V04000	2	0	\$0	\$0
USARC CANTON 01 / OH521042144100	5	0	\$0	\$0
USARC CINCINNATI (MORROW) / OH521044160400	5	0	\$0	\$0
USARC COLUMBUS (300) / OH521044160500	4	0	\$0	\$0
USARC COLUMBUS (AMSA 56) / OH521040H07800	13	0	\$0	\$0
USARC COLUMBUS (ASF 33) / OH5210443N3300	5	0	\$0	\$0
USARC DAYTON / OH521040H02000	9	0	\$0	\$0
USARC DAYTON (DESC) / OH521044164800	3	0	\$0	\$0
USARC FREMONT, OH / OH521044161200	3	0	\$0	\$0
USARC JAMESTOWN / OH521044563400	4	0	\$0	\$0
USARC KENTON / OH521044161400	4	0	\$0	\$0
USARC LIMA (AMSA 58 SUB 1) / OH521042380500	11	0	\$0	\$0
USARC MANSFIELD / OH521042189900	6	0	\$0	\$0
USARC MARIETTA / OH521042362800	7	0	\$0	\$0
USARC MILAN / OH521042286100	13	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Ohio				
USARC PARMA (MOTE) / OH521042197900	7	0	\$0	\$0
USARC PERRYSBURG (AMSA 72) / OH521040H05200	11	0	\$0	\$0
USARC PORTSMOUTH / OH521044162000	9	0	\$0	\$0
USARC SHARONVILLE / OH521042265100	5	0	\$0	\$0
USARC WARRENSVILLE HEIGHTS / OH521044163800	1	0	\$0	\$0
USARC YOUNGSTOWN (KEFURT) / OH521042099000	8	0	\$0	\$0
WARD MEMORIAL USARC / OH521044T62900	2	0	\$0	\$0
WHITEHALL MEMORIAL USARC / OH521042380200	3	0	\$0	\$0
ZANESVILLE MEMORIAL USARC / OH521044T63000	4	0	\$0	\$0
AIR FORCE				
BLUE ASH AIR GUARD STATION / OH557282587600	2	0	\$36	\$0
CAMP PERRY AIR GUARD STATION / OH557282872600	2	0	\$24	\$0
MANSFIELD LAHM / OH557282588100	8	0	\$2,313	\$0
YOUNGSTOWN AIR RESERVE STATION / OH557122876400	5	0	\$1,475	\$0
ZANESVILLE AIR GUARD STATION / OH557272587200	2	0	\$666	\$0
FORMERLY USED DEFENSE SITES				
ALUMINUM FORGING PLANT NO. 47 / OH59799F366300	1	0	\$13	\$0
BELLEFONTAINE AFS Z-73 / OH59799F366000	2	0	\$329	\$0
BROOKFIELD AFS / OH59799F366500	2	0	\$147	\$0
FLETCHER GEN HOSPITAL / OH59799F367000	1	0	\$13	\$0
FORT HAYES / OH59799F367100	1	0	\$15	\$0
KINGS MILL ORDNANCE PLANT / OH59799F366900	2	0	\$1,405	\$0
LEWISVILLE GAP FILLER ANX / OH59799F367200	1	0	\$40	\$0
MARBLEHEAD GAP FILLER ANX / OH59799F363500	1	0	\$0	\$0
NIKE CD-27 - WILMINGTON / OH59799F364800	4	0	\$849	\$0
NIKE CD-78 - OXFORD / OH59799F365000 / (3)	2	0	\$2,901	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Ohio				
NIKE CL-13 - EASTLAKE / OH59799F365400	1	0	\$0	\$0
PLYMOUTH USARC / OH59799F368400	1	0	\$177	\$0
RIDGEWOOD ARMY WEAPONS PLANT / OH59799F368000	1	0	\$486	\$0
SHARONVILLE ENGR DEPOT / OH59799F367900	1	0	\$517	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Oklahoma				
ARMY				
AFRC BROKEN ARROW (AMSA 20) / OK621045HK0800	10	0	\$0	\$0
AFRC MIDWEST CITY / OK6210450K2200	8	0	\$0	\$0
USARC ADA / OK621045HK0200	4	0	\$0	\$0
USARC ANTLERS / OK621045HK0300	5	0	\$0	\$0
USARC ARDMORE / OK621045HK0400	4	0	\$0	\$0
USARC CHICKASHA / OK6210450K1300	3	0	\$0	\$0
USARC CLINTON / OK6210450K1400	2	0	\$0	\$0
USARC DUNCAN / OK621045HK0100	3	0	\$0	\$0
USARC DURANT / OK6210450K1500	4	0	\$0	\$0
USARC ENID / OK6210450K1600	2	0	\$0	\$0
USARC FORT SILL (ECS 65) / OK621040K01200	9	0	\$0	\$0
USARC GUYMON / OK6210450K1700	2	0	\$0	\$0
USARC LAWTON / OK6210450K1800	1	0	\$0	\$0
USARC MCALESTER / OK6210450K1900	1	0	\$0	\$0
USARC MIAMI / OK621045HK0600	3	0	\$0	\$0
USARC MUSKOGEE / OK621045HK0700	6	0	\$0	\$0
USARC NORMAN / OK6210450K2000	3	0	\$0	\$0
USARC NORMAN 02 / OK621045HK0900	4	0	\$0	\$0
USARC OKLAHOMA CITY (50TH STREET) / OK6210450K3100	1	0	\$0	\$0
USARC OKLAHOMA CITY (KROWSE) / OK621042066600	8	0	\$0	\$0
USARC OKLAHOMA CITY (PEREZ) / OK621045XK2900	5	0	\$0	\$0
USARC OKMULGEE / OK6210450K2300	4	0	\$0	\$0
USARC PONCA CITY / OK621045ZK2400	3	0	\$0	\$0
USARC SHAWNEE / OK6210450K2500	2	0	\$0	\$0
USARC STIGLER / OK621045HK1000	2	0	\$0	\$0
USARC STILLWATER / OK6210450K2600	1	0	\$0	\$0
USARC TULSA (REESE) / OK6210450K2700	4	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Oklahoma				
AIR FORCE				
USARC TULSA 02 / OK6210450K2800	1	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE PLANT 3 / OK657172460400 / (1) / (3)	12	0	\$5,603	\$0
ADV TWIN ENG FLY SCH / OK69799F638600	1	0	\$1,300	\$0
ALTUS SMALL ARMS RANGE / OK69799F642200	1	0	\$43	\$0
ATLAS MISSILE NO. 1 / OK69799F640300	1	0	\$158	\$0
ATLAS MISSILE NO. 10 / OK69799F641200	1	0	\$653	\$0
ATLAS MISSILE NO. 11 / OK69799F641300	2	0	\$1,227	\$0
ATLAS MISSILE NO. 2 / OK69799F640400	1	0	\$134	\$0
ATLAS MISSILE NO. 3 / OK69799F640500	2	0	\$987	\$0
ATLAS MISSILE NO. 4 / OK69799F640600	2	0	\$2,594	\$0
ATLAS MISSILE NO. 5 / OK69799F640700	2	1	\$1,490	\$0
ATLAS MISSILE NO. 6 / OK69799F640800	2	0	\$1,906	\$0
ATLAS MISSILE NO. 8 / OK69799F641000	2	0	\$250	\$0
ATLAS MISSILE NO. 9 / OK69799F641100	2	0	\$3,478	\$0
BARTLESVILLE AFS / OK69799F637700	1	0	\$118	\$0
BORDEN GEN HOSP / OK69799F636500	0	1	\$0	\$1
DRUMMOND AUX FLD NO 1 / OK69799F636700	1	0	\$78	\$0
EAKER AUX NAV AF / OK69799F637900	1	0	\$159	\$0
EL RENO QUARTERMASTER DEPOT / OK69799F635800	5	0	\$545	\$0
GAGE AUX AIRFIELD / OK69799F638400	1	1	\$84	\$74
HOMER BEACON ANNEX / OK69799F637500	0	1	\$0	\$0
MIDWEST AIR SCH / OK69799F638100	1	0	\$0	\$0
MUSKOGEE ARMY AIR FIELD / OK69799F639900	2	1	\$762	\$109
MUSKOGEE HIGH ENG FUEL PL / OK69799F637100	3	0	\$4,983	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Oklahoma				
NAVAL GROUND GUNNERY SCHOOL / OK69799F730000	1	1	\$369	\$1,024
NORMAN NAVAL AIR STATION / OK69799F639600	2	1	\$530	\$36
OLUSTEE AUX AAF / OK69799F639400	1	0	\$78	\$0
PAR #2 WIL BON FLY SCHOOL / OK69799F636400	1	0	\$248	\$0
POWELL POW CAMP / OK69799F807000	1	0	\$133	\$0
VANCE OUTER MARKER ANNEX / OK69799F635700	1	0	\$53	\$0
VANCE TRG AX GCA / OK69799F642500	1	0	\$25	\$0
VANCE VOR ANNEX / OK69799F635600	1	0	\$97	\$0
WOODRING AUX FIELD / OK69799F638000	0	1	\$0	\$76
WOODWARD ARMY AIRFIELD / OK69799F640100	0	1	\$0	\$224

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Oregon				
ARMY				
AFRC COOS BAY / OR0210462M0400	3	0	\$0	\$0
AFRC ROSEBURG / OR0210462M2200	2	0	\$0	\$0
AFRC WARRENTON / OR0210462M2600	1	0	\$0	\$0
BIAK TRAINING CENTER / OR021184190200	0	2	\$0	\$157
USARC BEND / OR0210462M0300	1	0	\$0	\$0
USARC CORVALLIS / OR02104OR00400	2	0	\$0	\$0
USARC EUGENE / OR021042176700	2	0	\$0	\$0
USARC MEDFORD / OR021042200600	2	0	\$0	\$0
USARC PORTLAND (AIRPORT) / OR0210463M2000	1	0	\$0	\$0
USARC PORTLAND (SOUTH) / OR021042209600	11	0	\$0	\$0
USARC PORTLAND (WEST) / OR021042192400	9	0	\$0	\$0
USARC SALEM / OR021042101400	2	0	\$0	\$0
NAVY				
COOS HEAD NAV OCEAN PROCESSING FAC. / OR017002438400	1	0	\$311	\$0
PORTLAND NMCRC / OR017002472500	1	0	\$106	\$0
SALEM OR NMCRC / OR017002286700	1	0	\$5	\$0
AIR FORCE				
KENO AIR FORCE STATION / OR057212521000	1	0	\$0	\$0
NORTH BEND / OR057282424100	8	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ASTORIA AIRPORT / OR09799F136300	1	1	\$620	\$0
BAKER AFS / OR09799F307200	1	0	\$75	\$0
BEAVER ARMY TERMINAL / OR09799F307300	2	0	\$100	\$0
BURNS AFSTA / OR09799F307900	2	0	\$222	\$0
CENTRAL OREGON GUN RANGE / OR09799F308600	0	1	\$0	\$133
COAST GUARD BASE, TONGUE POINT / OR09799F874200	1	0	\$5	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Oregon				
CONDON AFS / OR09799F309000	1	0	\$110	\$0
CORVALLIS AAF / OR09799F309200	2	0	\$1,493	\$0
DOUGLAS NG GUARD TARGET / OR09799F309400	0	1	\$0	\$0
FORT STEVENS MIL RES / OR09799F308900	2	0	\$133	\$0
HECETA HEAD LIGHTHOUSE / OR09799F316900	1	0	\$77	\$0
NAV AIR STA, TILLAMOOK / OR09799F315200	3	0	\$597	\$0
NORTH BEND AFS (2-12) / OR09799F311900	1	0	\$0	\$0
PENDLETON BOMBING RANGE / OR09799F312200	0	1	\$0	\$64
PENDLETON FIELD / OR09799F312100	1	0	\$37	\$0
PHILOMATH GAP FILLER / OR09799F312300	1	0	\$85	\$0
PORTLAND AIR BASE / OR09799F034200	0	1	\$0	\$265
USARC ASTORIA / OR09799F314000	1	0	\$55	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Pennsylvania				
ARMY				
AFRC BEAVER FALLS / PA3210416N0600	6	0	\$0	\$0
AFRC BELLEFONTE / PA321042206800	5	0	\$0	\$0
AFRC ERIE / PA3210416N2400	4	0	\$0	\$0
AFRC FOLSOM / PA32104PA02800	7	0	\$0	\$0
AFRC PHILADELPHIA 06 / PA321042071000	9	0	\$0	\$0
AMSA 112 LOCK HAVEN / PA321042302600	8	0	\$0	\$0
AMSA 29 READING / PA321042306600	9	0	\$0	\$0
BRISTOL VETERANS USARC / PA321042287000	12	0	\$18	\$0
CARLISLE BARRACKS / PA321372014500	4	1	\$0	\$0
CHARLES E KELLY SUPPORT FACILITY BRAC / PA321402234400	4	0	\$4,235	\$0
EDGEMONT USARC / PA321042146500	15	0	\$0	\$0
FAMILY HOUSING 36 IRWIN SPT DET ANNEX / PA321404231000	1	0	\$0	\$0
FAMILY HOUSING CORAOPOLIS SITE 71 / PA321404257100	2	0	\$0	\$0
FAMILY HOUSING CORAOPOLIS SITE 72 / PA321404257200	2	0	\$0	\$0
FAMILY HOUSING PITT 2 / PA321404250100	3	0	\$0	\$0
FAMILY HOUSING PITT 25 MONROEVILLE / PA321404252500	2	0	\$0	\$0
FAMILY HOUSING PITT 3 NIKE / PA321404250300	3	0	\$0	\$0
FAMILY HOUSING PITT 37 / PA321404253700	2	0	\$0	\$0
FAMILY HOUSING PITT 42 NIKE / PA321404254200	3	0	\$0	\$0
FAMILY HOUSING PITT 52 NIKE / PA321404255200	2	0	\$0	\$0
FAMILY HOUSING PITTSBURGH 43 / PA321402155900	1	0	\$0	\$0
FORT INDIANTOWN GAP / PA321402044400	13	2	\$1,878	\$0
HAYS AAP / PA321002281200	5	0	\$0	\$0
IRWIN SUPPORT DETACHMENT MANOR ANNEX / PA32140PA04200	1	0	\$0	\$0
KELLY SUPPORT FACILITY / PA321042234400	15	0	\$2,953	\$0
MG WURTS USARC / PA32104PA13700	15	0	\$392	\$0
NORTH PENN USARC / PA321042289900	6	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Pennsylvania				
SCRANTON ARMY AMMUNITION PLANT / PA321382151000	15	0	\$1,335	\$0
TACONY WAREHOUSE / PA321402279200 / (1)	11	0	\$3,773	\$0
USARC ALTOONA / PA321042200900	6	0	\$0	\$0
USARC ASHLEY / PA32104412N100	9	0	\$0	\$0
USARC BELLE VERNON / PA3210416N1000	4	0	\$0	\$0
USARC BETHLEHEM / PA32104PA00800	4	0	\$0	\$0
USARC BLOOMSBURG / PA321042267400	10	0	\$0	\$0
USARC BROOKVILLE / PA32104PA01100	4	0	\$0	\$0
USARC BROWNSVILLE, PA / PA321042257800	6	0	\$0	\$0
USARC BUTLER / PA3210416N1400	4	0	\$0	\$0
USARC CHAMBERSBURG / PA321042188500	9	0	\$0	\$0
USARC CLARION / PA3210416N1800	1	0	\$0	\$0
USARC CLEARFIELD / PA321042226600	6	0	\$0	\$0
USARC DOWNINGTOWN / PA32104PA01900	1	0	\$0	\$0
USARC DU BOIS / PA321042213400	3	0	\$0	\$0
USARC ERIE / PA3210416N2500	3	0	\$0	\$0
USARC FARRELL / PA321042201100	3	0	\$0	\$0
USARC FRANKLIN / PA3210416N2800	2	0	\$0	\$0
USARC GERMANTOWN / PA321042156800	11	0	\$0	\$0
USARC GETTYSBURG / PA321042246400	5	0	\$0	\$0
USARC GREENCASTLE (AMSA 113) / PA321042038300	16	0	\$0	\$0
USARC GREENSBURG / PA321042185400	4	0	\$0	\$0
USARC GREENSBURG (AMSA 104) / PA3210416NG300	4	0	\$0	\$0
USARC HARRISBURG / PA321042141600	9	0	\$0	\$0
USARC HAZELTON / PA321042178700	4	0	\$0	\$0
USARC HORSHAM 01 / PA321042208200	10	0	\$0	\$0
USARC HORSHAM 02 / PA32104PA04700	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Pennsylvania				
USARC HUNTINGDON / PA321042362900	6	0	\$0	\$0
USARC INDIANA / PA321042226700	4	0	\$0	\$0
USARC JOHNSTON 01 / PA3210416N3900	10	0	\$0	\$0
USARC JOHNSTON 02 / PA321042299800	4	0	\$0	\$0
USARC KANE / PA3210416N3600	1	0	\$0	\$0
USARC KITTANNING / PA3210416N4000	3	0	\$0	\$0
USARC LANCASTER / PA321042172300	7	0	\$0	\$0
USARC LEWISBURG / PA321042306400	8	0	\$0	\$0
USARC LEWISTOWN / PA321042306500	9	0	\$0	\$0
USARC MARCUS HOOK / PA3210415NS100	6	0	\$0	\$0
USARC MEADVILLE / PA3210416N4500	1	0	\$0	\$0
USARC NEW CASTLE (AMSA 110) / PA3210416NG400	7	0	\$0	\$0
USARC NEW CUMBERLAND / PA3210412N4700	5	0	\$0	\$0
USARC NEW KENSINGTON / PA3210416N4800	3	0	\$0	\$0
USARC NORRISTOWN / PA321042156700	6	0	\$0	\$0
USARC NORTH PARK / PA321042381400	1	0	\$0	\$0
USARC NORTHEAST PHILADELPHIA / PA32104PA07500	3	0	\$0	\$0
USARC OIL CITY / PA3210416N5200	1	0	\$0	\$0
USARC PITTSBURGH 01 / PA3210416N5800	2	0	\$0	\$0
USARC PITTSBURGH 02 / PA32104PA07800	2	0	\$0	\$0
USARC PITTSBURGH 03 / PA32104PA07900	4	0	\$0	\$0
USARC PUNXSUTAWNEY (AMSA 106) / PA321042382200	7	0	\$0	\$0
USARC QUAKERTOWN / PA32104PA08300	1	0	\$0	\$0
USARC RANSHAW / PA3210412N6200	1	0	\$0	\$0
USARC SCHUYLKILL HAVEN / PA321042202900	14	0	\$0	\$0
USARC SCRANTON / PA321042081200	5	0	\$0	\$0
USARC ST MARY'S / PA321042226900	6	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Pennsylvania				
USARC STATE COLLEGE / PA321042257900	6	0	\$0	\$0
USARC STOCKERTOWN / PA32104PA09200	5	0	\$0	\$0
USARC TOBYHANNA / PA32104PA09400	8	0	\$0	\$0
USARC UNIONTOWN / PA321042156600	3	0	\$0	\$0
USARC WASHINGTON, PA / PA3210416N7300	3	0	\$0	\$0
USARC WILKES-BARRE / PA321042149000	18	0	\$0	\$0
USARC WILKES-BARRE (AMSA 32G) / PA321042382300	17	0	\$0	\$0
USARC WILLIAMSPORT / PA321042227600	6	0	\$0	\$0
USARC WILLOW GROVE / PA32104PA14400	1	0	\$0	\$0
USARC YORK / PA321042197200	4	0	\$0	\$0
NAVY				
PHILADELPHIA NAVHOSP / PA317002775600	2	0	\$100	\$0
PHILADELPHIA NSY / PA317002241800	10	0	\$14,607	\$0
AIR FORCE				
FORT INDIANTOWN GAP / PA357282882400	3	0	\$289	\$0
PITTSBURGH INTERNATIONAL AIRPORT / PA357282846900	3	0	\$600	\$0
PITTSBURGH MUNICIPAL AIRPORT / PA357122428900	7	0	\$1,957	\$0
STATE COLLEGE AIR GUARD STATION / PA357282627300	2	0	\$2,974	\$0
WILLOW GROVE ARS / PA357282534900	1	0	\$352	\$0
FORMERLY USED DEFENSE SITES				
AAF INTELLIGENCE SCH / PA39799F147700	1	0	\$13	\$0
AIR FORCE PLANT 45 / PA39799F153500	2	0	\$521	\$0
AVCO LYCOMING SF SITE / PA39799F145100	1	0	\$281	\$0
BIRDSBORO ARMY TANK FOUNDRY / PA39799F147800	1	0	\$3,627	\$0
CLAYSBURG AIR FORCE STATION / PA39799F927100	1	0	\$245	\$0
CROSS AND HEARTHSTONE MOUNTAIN / PA39799F148300	1	0	\$45	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Pennsylvania				
CROYLAND PLANT / PA39799F825300	0	1	\$0	\$1
FORT MIFFLIN / HOG ISLAND FACILITIES / PA39799F148700	0	1	\$0	\$0
HANOVER GAP FILLER ANX / PA39799F150600	1	0	\$120	\$0
MARINE CORPS RESERVE CENTER (ERIE) / PA39799F153000	1	0	\$174	\$0
MARINE CORPS TRAINING CENTER (FREEMANSBURG) / PA39799F152900	2	0	\$267	\$0
MIDDLETOWN AIR DEPOT / PA39799F144500	1	0	\$57	\$0
NAS NEWCUMBERLAND / PA39799F155200	1	1	\$24	\$34
NAVAL RESERVE CENTER (ALLENTOWN) / PA39799F152800	1	0	\$86	\$0
NAVY INDUSTRIAL RESERVE GEAR PLANT / PA39799F151700	2	0	\$366	\$0
NAVY SHIP PARTS CONTROL CENTER / PA39799F151800	1	0	\$100	\$0
NIKE PH-07 (RICHBORO) / PA39799F145400	3	0	\$517	\$0
NIKE PH-15 (BRISTOL) / PA39799F146400	2	0	\$669	\$0
NIKE PH-67 (CHESTER) / PA39799F146500	2	0	\$173	\$0
NIKE PH-91 (WORCESTER) / PA39799F146800	1	0	\$287	\$0
NIKE PH-97/99 (LANSDALE) / PA39799F146900	4	0	\$396	\$0
NIKE PI-02 (RURAL RIDGE) / PA39799F145200	2	0	\$497	\$0
NIKE PI-03 (DORSEYVILLE) / PA39799F145700	1	0	\$662	\$0
NIKE PI-36 (NORTH HUNTINGDON) / PA39799F145800	1	0	\$336	\$0
NIKE PI-37 (RILLTON) / PA39799F145900	1	0	\$354	\$0
NIKE PI-42 (ELIZABETH TWP) / PA39799F925000	1	0	\$177	\$0
NIKE PI-52 (FINLEYVILLE) / PA39799F924900	1	0	\$342	\$0
NIKE PI-71 (CORAOPLIS) / PA39799F146100	2	0	\$61	\$0
OLMSTED AIR FORCE BASE / PA39799F153700	4	1	\$9,884	\$0
PLANCOR 400 BETH FGE C / PA39799F155400	1	0	\$25	\$0
SHAMOKIN GENERAL DEPOT / PA39799F825600	0	1	\$0	\$30
SOUTH PARK MILITARY RESERVATION / PA39799F808000	0	1	\$0	\$0
VALLEY FORGE GENERAL HOSPITAL / PA39799F150000	4	0	\$4,072	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Puerto Rico				
ARMY				
FORT ALLEN / PR221184307700	9	2	\$574	\$148
MTA CAMP SANTIAGO RQ 577 / PR221184310000	4	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CAMP TORTUGUERO / PR29799F414200	1	0	\$134	\$0
DORADO AUX AIRDROOME / PR29799F414900	1	0	\$463	\$0
FORT AMEZQUITA / PR29799F726200	0	1	\$0	\$72
SABANA SECA AMMO STORAGE AREA / PR29799F415900	0	1	\$0	\$0
VIEQUES AIRPORT / PR29799F413800	0	1	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Rhode Island				
ARMY				
AFRC PROVIDENCE (HOPKINS) / RI121041AP4100	1	0	\$0	\$0
FAMILY HOUSING DAVISVILLE / RI121404401000	1	0	\$0	\$0
FAMILY HOUSING NORTH SMITHFIELD 99 / RI121404439900	3	0	\$0	\$0
NORTH SMITHFIELD ARNG / RI121184405500	3	0	\$0	\$0
USARC CRANSTON / RI121041AP1500	1	0	\$0	\$0
USARC FORT NATHANIEL GREENE / RI121041AP2200	8	1	\$2,028	\$119
USARC PROVIDENCE (HARWOOD) / RI121041AP3000	4	0	\$0	\$0
USARC WARWICK / RI121041AP5200	9	0	\$0	\$0
NAVY				
FISHERS ISLAND NUSC / RI117002754900	1	0	\$200	\$0
AIR FORCE				
NORTH SMITHFIELD ANG5 / RI157282859900	1	0	\$6,215	\$0
FORMERLY USED DEFENSE SITES				
ANTI-AIRCRAFT TRNG CNTR / RI19799F735700	0	1	\$0	\$0
BEAVERTAIL PT.NAV COMM / RI19799F211600	2	0	\$96	\$0
BRENTON POINT FC STA / RI19799F211900	0	1	\$0	\$0
BRISTOL NIKE 38 / RI19799F211300	2	0	\$178	\$0
DEVIL'S FOOT ROAD / RI19799F215700	1	0	\$2,220	\$0
FORT CHURCH / RI19799F212500	1	1	\$60	\$0
FORT GETTY / RI19799F212600	1	0	\$0	\$0
FORT MANSFIELD / RI19799F810700	0	1	\$0	\$174
FORT WETHERILL NUSC / RI19799F213000	2	1	\$529	\$0
FT ADAMS / RI19799F211200	1	0	\$0	\$0
GOAT ISLAND NAVAL BASE / RI19799F883200	0	1	\$0	\$0
HILLSGROVE AAF / RI19799F213300	1	0	\$103	\$0
HOPE ISL NAS / RI19799F214200	2	0	\$362	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Rhode Island				
HULL COVE FIRE CON STA / RI19799F213400	1	0	\$28	\$0
NIKE CONTROL PR-58 / RI19799F211400	1	0	\$19	\$0
NIKE PR-69 / RI19799F210700	2	0	\$408	\$0
OAKS INN BATTERY / RI19799F810800	0	1	\$0	\$0
PROSPECT HILL FCS / RI19799F214000	1	0	\$0	\$0
TIV AF POL RET DIS STA / RI19799F214400	2	0	\$14	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
South Carolina				
ARMY				
LEESBURG TRAINING SITE / SC4211845C7000	1	0	\$0	\$0
USARC AIKEN / SC4210428Q0300	5	0	\$0	\$0
USARC ANDERSON / SC4210428Q0800	8	0	\$0	\$0
USARC CHARLESTON / SC421042018800	6	0	\$0	\$0
USARC CLEMSON / SC421042EQ2000	4	0	\$0	\$0
USARC COLUMBIA (FOREST DRIVE) / SC42104SC00500	6	0	\$0	\$0
USARC COLUMBIA 02 / SC42104SC00600	5	0	\$0	\$0
USARC FLORENCE / SC4210428Q3200	1	0	\$0	\$0
USARC FORT JACKSON (ECS 124-G) / SC4210428QG100	5	0	\$0	\$0
USARC FORT JACKSON (LEE RD) / SC4210428Q2500	2	0	\$0	\$0
USARC FORT JACKSON (MCWHORTER) / SC421042EQ3000	4	0	\$0	\$0
USARC GREENVILLE 01 (MAHON) / SC421042083600	12	0	\$0	\$0
USARC GREENVILLE 02 (KUKOWSKI) / SC421042288500	12	0	\$0	\$0
USARC MYRTLE BEACH / SC4210428Q6700	4	0	\$0	\$0
USARC ORANGEBURG / SC4210428Q4400	2	0	\$0	\$0
USARC ROCK HILL / SC421042154300	6	0	\$0	\$0
USARC SPARTANBURG / SC4210428QA100	3	0	\$0	\$0
USARC YORK, SC / SC4210428Q6600	10	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ANDERSON AAF / SC49799F500100	1	0	\$21	\$0
BARNWELL MUN ARPT / SC49799F494300	1	0	\$32	\$0
CAMDEN AAF / SC49799F499600	1	0	\$65	\$0
CHARLESTON ARMY DEPOT / SC49799F491900	0	1	\$0	\$50
CHARLESTON SM ARA / SC49799F498200	0	1	\$0	\$185
CORONACA AAF / SC49799F494700	1	0	\$18	\$0
C-TON NAV IND RES SYAR / SC49799F498800	1	0	\$162	\$0
GFA (Z-113A) / SC49799F497300	1	0	\$37	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
South Carolina				
STARK GENERAL HOSP / SC49799F497800	2	0	\$187	\$0
WALTERBORO AAF / SC49799F495000	2	1	\$435	\$144

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
South Dakota				
ARMY				
USARC ABERDEEN / SD821042230900	8	0	\$0	\$0
USARC SIOUX FALLS / SD821042225700	8	0	\$0	\$0
AIR FORCE				
JOE FOSS FIELD / SD857282588800	13	0	\$3,696	\$0
FORMERLY USED DEFENSE SITES				
ELLSWORTH AFB AF FAC S-1 / SD89799F077900	2	0	\$77	\$0
ELLSWORTH AFB AF FAC S2 / SD89799F078000	2	0	\$57	\$0
ELLSWORTH AFB AF FAC S-3 / SD89799F078100	2	0	\$177	\$0
ELLSWORTH AFB COMM AX (REC) / SD89799F079900	1	0	\$267	\$0
ELLSWORTH AFB NIKE BATTERY E-01 / SD89799F077700	1	0	\$104	\$0
ELLSWORTH AFB NIKE BATTERY E-20 / SD89799F077500	2	0	\$249	\$0
ELLSWORTH AFB NIKE BATTERY E-40 / SD89799F077600	1	0	\$142	\$0
ELLSWORTH AFB NIKE BATTERY E-70 / SD89799F077800	2	0	\$203	\$0
FORT MEADE TARGET RGE / SD89799F084400	0	1	\$0	\$6
GETTYSBURG FAMILY HOUSING AX / SD89799F080300	1	0	\$341	\$0
GETTYSBURG WASTE AX / SD89799F080400	1	0	\$24	\$0
INTERIOR ANG SITE / SD89799F080600	1	0	\$37	\$0
MCINTOSH GAP FILLER AX TM-177C / SD89799F084500	1	0	\$53	\$0
PICKSTOWN AFS Z-134 / SD89799F080700	1	0	\$55	\$0
PIERRE ARMY AIR FIELD / SD89799F085000	1	0	\$327	\$0
SIOUX CITY PRE BOM RGE #2 / SD89799F085500	0	1	\$0	\$104
SIOUX CITY PRE BOM RGE #6 / SD89799F085600	0	1	\$0	\$99

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Tennessee				
ARMY				
AFRC JOHNSON CITY / TN42104TN00700	6	0	\$0	\$0
GRUBBS/KYLE TRAINING CENTER / TN421184734000	7	0	\$0	\$0
USARC CHATTANOOGA / TN42104TN00100	4	0	\$0	\$0
USARC CHATTANOOGA (GUERRY) / TN42104TN00200	3	0	\$0	\$0
USARC GREENEVILLE / TN421042189200	5	0	\$0	\$0
USARC KNOXVILLE / TN42104TN00900	6	0	\$0	\$0
USARC LYELL (AFRC) / TN421042JR5000	3	0	\$0	\$0
USARC MEMPHIS 01 / TN42104TN01200	7	0	\$0	\$0
USARC MEMPHIS 02 / TN42104TN01100	3	0	\$0	\$0
USARC NASHVILLE / TN421042JR5100	1	0	\$0	\$0
USARC OAK RIDGE / TN421042188400	4	0	\$0	\$0
NAVY				
BRISTOL NWIRP / TN417002406200 / (3)	9	0	\$11,021	\$0
FORMERLY USED DEFENSE SITES				
BRADYVILLE GAP FILLER ANNEX / TN49799F350400	1	0	\$343	\$0
MAURY C.W.S. PLANT / TN49799F352400	0	2	\$0	\$19
MILAN ARMY AMMUNITION PLANT / TN49799FA20700	1	0	\$51	\$0
MILLINGTON ORD WORKS / TN49799F351300	1	0	\$47	\$0
MONSANTO CHEMICAL COMPANY / TN49799F351600	0	1	\$0	\$248
RIDGELY PRECISION BOMBING RANGE NO. 2 / TN49799F352700	0	1	\$0	\$167
SOUTHEASTERN ENERGY INC. / TN49799F351400	0	1	\$0	\$85
TENNESSEE MANEUVER AREA / TN49799FA21000	0	1	\$0	\$143
WILLIAM NORTHERN FIELD / TN49799F350300	1	0	\$344	\$0
WRIGLEY CHARCOAL / TN49799F711700	1	0	\$1	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Texas				
ARMY				
AFRC CORPUS CHRISTI (AMSA 7) / TX62104TX02000	8	0	\$0	\$0
AFRC MESQUITE / TX621042252600	4	0	\$0	\$0
AFRC MIDLAND / TX621042298900	5	0	\$0	\$0
BEE CAVES ARMORY / TX621184805500	5	0	\$0	\$0
CAMP BOWIE (STATE) / TX6211848B3500	0	2	\$0	\$194
CAMP SWIFT MILITARY RESERVATION / TX621184807000	3	0	\$0	\$0
CANYON LAKE RECREATION AREA / TX621162280900	1	0	\$0	\$0
FORT JACOB F WOLTERS / TX621184855500	4	0	\$60	\$0
TARDEC FUELS AND LUBRICANT RESEARCH FACILITY / TX621002187200	2	0	\$0	\$0
USARC ABILENE / TX621042197400	14	0	\$0	\$0
USARC ALICE / TX621042203300	1	0	\$0	\$0
USARC AMARILLO / TX621042178500	2	0	\$0	\$0
USARC AMARILLO 02 / TX6210450T4800	1	0	\$0	\$0
USARC ARLINGTON / TX621045BT1600	1	0	\$0	\$0
USARC AUSTIN (CAMP MABRY) / TX621042005300	15	0	\$0	\$0
USARC AUSTIN 02 / TX62104TX00900	2	0	\$0	\$0
USARC AUSTIN 03 / TX621045BT0900	1	0	\$0	\$0
USARC BAY CITY, TX / TX62104TX01000	7	0	\$0	\$0
USARC BEAUMONT (AMSA 6) / TX621042007500	14	0	\$0	\$0
USARC BROWNSVILLE / TX621042249400	4	0	\$0	\$0
USARC BRYAN (MOORE) / TX621045VT5100	7	0	\$0	\$0
USARC BRYAN 02 / TX621045VT4400	1	0	\$0	\$0
USARC CONROE (ASF 62) / TX621042368600	4	0	\$0	\$0
USARC CORPUS CHRISTI (MEMORIAL) / TX621042207800	4	0	\$0	\$0
USARC DALLAS 01 (MUCHERT) / TX621042154500	5	0	\$0	\$0
USARC DALLAS 02 / TX621042147400	2	0	\$0	\$0
USARC DALLAS 03 / TX6210420T4600	1	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Texas				
USARC DENTON / TX621045BT1200	1	0	\$0	\$0
USARC EL PASO / TX621042188100	1	0	\$0	\$0
USARC FORT BLISS (AMSA 12) / TX62104TX02900	12	0	\$0	\$0
USARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000	1	0	\$0	\$0
USARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500	9	0	\$0	\$0
USARC FORT WORTH (HOT) / TX621045BT3700	1	0	\$0	\$0
USARC FORT WORTH 02 / TX621045OT1300	1	0	\$0	\$0
USARC GRAND PRAIRIE (ASF 13) / TX621045BT1500	11	0	\$0	\$0
USARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400	6	0	\$0	\$0
USARC HOUSTON 02 (AMSA 4) / TX621042306200	11	0	\$0	\$0
USARC HUNTSVILLE / TX621042147600	1	0	\$0	\$0
USARC LAREDO / TX621042175800	3	0	\$0	\$0
USARC LUBBOCK / TX621042147500	3	0	\$0	\$0
USARC LUBBOCK (AMSA 11) / TX62104TX04800	12	0	\$0	\$0
USARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400	1	0	\$0	\$0
USARC MCALLEN / TX621042203600	2	0	\$0	\$0
USARC NORTH FORT HOOD (ESC 64) / TX621045BT4100	1	0	\$0	\$0
USARC PARIS / TX621042247600	6	0	\$0	\$0
USARC PASADENA / TX621042263100	4	0	\$0	\$0
USARC PORT ARTHUR / TX621045BT2500	4	0	\$0	\$0
USARC RIO GRANDE CITY / TX621042232700	4	0	\$0	\$0
USARC SAN ANTONIO (BOSWELL) / TX621042259900	5	0	\$0	\$0
USARC SAN ANTONIO (CALLAGHAN) / TX62104TX06400	3	0	\$0	\$0
USARC SAN MARCOS / TX621042248000	2	0	\$0	\$0
USARC SEAGOVILLE / TX621045XT7200	6	0	\$0	\$0
USARC SINTON / TX621042249200	4	0	\$0	\$0
USARC TEXARKANA (AMSA 5 SUB 4) / TX621042197300	7	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Texas				
USARC TYLER / TX621042383900	4	0	\$0	\$0
USARC VICTORIA / TX621042270700	5	0	\$0	\$0
USARC WACO (AMSA 8) / TX62104TX08900	9	0	\$0	\$0
USARC YOAKUM / TX621042245600	4	0	\$0	\$0
WICHITA FALLS USARC / TX62104TX07700	6	0	\$0	\$0
NAVY				
CHASE FIELD NAS / TX617002473800	6	0	\$12,680	\$0
AIR FORCE				
GARLAND AIR NATIONAL GUARD STATION / TX657282588300	2	0	\$296	\$0
LAPORTE AIR NATIONAL GUARD STATION / TX657282588400	2	0	\$361	\$0
NAS FORT WORTH, JRB CARSWELL FIELD / TX657002404200 / (1) / (3)	69	1	\$51,351	\$0
NEDERLAND AIR NATIONAL GUARD COMM / TX657282591500	1	0	\$11	\$0
FORMERLY USED DEFENSE SITES				
ALAMO FIELD / TX69799F649500	1	0	\$309	\$0
ALICE AIRPORT / TX69799F647300	1	0	\$32	\$0
ATLAS AF FAC S-2 / TX69799F650400	3	0	\$330	\$0
ATLAS AF FACILITY S-11 / TX69799F651300	2	0	\$104	\$0
ATLAS AF FACILITY S-3 / TX69799F650500	1	0	\$351	\$0
ATLAS AF FACILITY S-4 / TX69799F650600	1	0	\$0	\$0
ATLAS AF FACILITY S-5 / TX69799F650700	1	0	\$8	\$0
ATLAS AF FACILITY S-6 / TX69799F650800	1	0	\$0	\$0
BERGSTROM BG-80 / TX69799F670300	1	0	\$126	\$0
BERGSTROM TVOR ANNEX / TX69799F670200	1	0	\$39	\$0
BLACKLAND AAF / TX69799F651900	1	0	\$144	\$0
BRADY PRISONER OF WAR CAMP / TX69799F742300	1	0	\$7	\$0
BROWNWOOD AAF / TX69799F669300	1	0	\$182	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Texas				
CABINESS FIELD / TX69799F753500	1	0	\$174	\$0
CACTUS ORDNANCE WORKS / TX69799F668200	0	1	\$0	\$2
CAMP HULEN (CIVILIAN HOUSING) / TX69799F673000	1	0	\$79	\$0
CITY OF GRAND PRAIRIE PROPERTY / TX69799F988000	0	1	\$0	\$0
COMSTOCK GA FIL AX TM1873 / TX69799F665600	1	0	\$34	\$0
DA-FT WOR DEF NIKE BAT 20 / TX69799F664700	1	1	\$75	\$0
DALHART AF AUX FIELD #1 / TX69799F665300	0	1	\$0	\$0
DALHART GRO GUNN RANGE / TX69799F664900	1	1	\$13	\$0
DELMITA GAP FILLER AX / TX69799F664400	1	0	\$33	\$0
DENTON NIKE (DFW NIKE BAT 1) / TX69799F664800	1	0	\$54	\$0
DRISCOLL FIELD 36 / TX69799F949000	0	1	\$0	\$0
DUNCANVILLE AFS (P-78) / TX69799F664100	1	0	\$41	\$0
DYESS AFB-NIKE DY10 / TX69799F648100	2	0	\$87	\$0
ELLINGTON FIELD, TX (HOUSTON) / TX69799F648200	3	0	\$391	\$0
FANNETT GAP / TX69799F647200	1	0	\$40	\$0
FORT CROCKETT PRIVATE OWNERSHIPS / TX69799F807600	1	0	\$22	\$0
FT HOOD-FORMER SWG P / TX69799F645000	1	0	\$0	\$0
FT MCINTOSH / TX69799F663500	0	1	\$0	\$0
FT RINGGOLD / TX69799F663400	1	0	\$296	\$0
HEARNE ALIEN ENEMY INTERNMENT CAMP / TX69799F674300	1	0	\$24	\$0
HEREFORD POW CAMP / TX69799F661300	1	0	\$214	\$0
LAREDO AUXILIARY FIELD NO. 1 / TX69799F742800	0	1	\$0	\$0
MIDLAND PREC BOMB RGE #23 / TX69799F656600	0	1	\$0	\$70
MINERAL WELLS MUNICIPAL AIRPORT / TX69799F758100	2	0	\$595	\$0
MOORE AFB (MFVP) / TX69799F648400	1	0	\$154	\$0
MOORE AIRFORCE BASE (USDA SITE) / TX69799F804800	1	0	\$336	\$0
NAS HITCHCOCK (FLAMINGO PROP) / TX69799F675500	2	0	\$85	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Texas				
NAS KINGSVILLE / TX69799F645200	0	1	\$0	\$0
NATIONAL OCEANIC ATMOSPHERIC AGENCY (FT. CROC) / TX69799F808300	0	1	\$0	\$0
NAV LAB TRANSMITTER SITE / TX69799F676100	1	0	\$123	\$0
NAV SHIP BERTH FACILITY / TX69799F645600	1	0	\$0	\$0
NAVY AIR AUXILLIARY LANDING FIELD(PRIVATE) / TX69799F825700	1	0	\$7	\$0
NIKE BG-40 / TX69799F676500	1	0	\$54	\$0
NOLAN CREEK PARK / TX69799F643700	1	0	\$0	\$0
ORANGE - US STEEL CORP / TX69799F675200	1	0	\$72	\$0
OZONA AF STATION TM-187 / TX69799F655800	1	0	\$41	\$0
PANTEX ORDNANCE (DOE) / TX69799F676300	2	1	\$347	\$2
PECOS AAF CRYAUX AUX FLD #5 / TX69799F671900	0	1	\$0	\$0
PECOS AAF RAD RGE SITE / TX69799F672000	0	1	\$0	\$0
RANDOLPH MIL AF / TX69799F644000	1	1	\$18	\$0
RIVERSIDE PRISONER OF WAR CAMP / TX69799F742700	1	0	\$87	\$0
ROCKPORT AFS (AC&W) / TX69799F673600	2	0	\$160	\$0
ROCKPORT AIRPORT / TX69799F645400	0	1	\$0	\$0
SABINE PASS HARBOR FORTS / TX69799F915500	0	1	\$0	\$0
STINSON FIELD / TX69799F652300	1	1	\$556	\$0
TACAN SITE / TX69799F946100	1	0	\$13	\$0
TEXAS A & M UNIVERSITY (CROCKETT) / TX69799F807900	0	1	\$0	\$0
U. S. NAVAL RESERVATION PORT ISABEL / TX69799F781400	1	0	\$0	\$0
VAN VLECK GAP FILLER / TX69799F647000	1	0	\$58	\$0
ZAPATA AFS / TX69799F674400	1	0	\$16	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Utah				
ARMY				
FORT DOUGLAS / UT821402027800	9	0	\$2,871	\$0
GREEN RIVER TEST SITE / UT821412263800	24	0	\$4,524	\$0
USARC LOGAN / UT821042099700	8	0	\$0	\$0
USARC OGDEN / UT821042172000	9	0	\$0	\$0
USARC OGDEN (AMSA 31) / UT82104UT00500	6	0	\$0	\$0
USARC OGDEN DEPOT / UT821042300400	11	0	\$0	\$0
USARC PLEASANT GROVE / UT821042252300	4	0	\$0	\$0
USARC PROVO / UT821046FP1000	8	0	\$0	\$0
USARC SALT LAKE CITY / UT821042195000	8	0	\$0	\$0
USARC SALT LAKE CITY (ASF 24) / UT82104UT01100	7	0	\$0	\$0
NAVY				
MAGNA NIROP / UT817002727700	16	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ABANDONED GRAVEL PIT / UT89799F502100	0	1	\$0	\$108
CARRINGTON ISLAND PRECISION BOMBING RANGE / UT89799F685700	0	1	\$0	\$14
DUGWAY PROVING GROUND SOUTH TRIANGLE / UT89799F806800	0	1	\$0	\$273
OGDEN NATURE CENTER / UT89799FA20300	0	1	\$0	\$0
SALT LAKE CITY ARMY AIR BASE GUNNERY RANGE / UT89799F503700	0	1	\$0	\$542
SHEEP BURIAL SITE (WHITE ROCK RANCH) / UT89799F809300	1	1	\$372	\$0
SKULL VALLEY SHEEP BURIAL SITE / UT89799F805300	1	0	\$105	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Vermont				
ARMY				
CHESTER USARC / VT121042174600	6	0	\$0	\$0
ETHAN ALLEN FIRING RANGE / VT121182271800	11	0	\$72	\$0
TS CAMP JOHNSON / VT1211850A2500	1	3	\$0	\$0
USARC MONTPELIER / VT121041AT1600	7	0	\$0	\$0
USARC RUTLAND (COURCELLE) / VT121041AT2000	6	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
FORT ETHAN ALLEN / VT19799F216000	1	0	\$125	\$0
FT. ETHAN ALLEN ARTRNG / VT19799F216500	0	1	\$0	\$75

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Virgin Islands of the U.S.				
FORMERLY USED DEFENSE SITES				
FORMER FORT SEGARRA / VI29799F419300	0	1	\$0	\$2,911
MARINE CORPS AIR FAC / VI29799F419200	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Virginia				
ARMY				
AFRC LYNCHBURG / VA321041CS3500	2	0	\$0	\$0
ARLINGTON HALL STATION / VA321002003100	1	0	\$0	\$0
ARMY RESEARCH LABORATORY-WOODBRIDGE / VA321382098100 / (1) / (3)	47	0	\$12,621	\$0
CAMP PENDLETON SMR / VA321185141900	0	3	\$0	\$0
DEFENSE MAPPING AGENCY - HERNDON / VA321022135400 / (1)	3	0	\$911	\$0
FAMILY HOUSING MANASSAS / VA321385132500	2	0	\$0	\$0
FAMILY HOUSING NIKE NORFOLK 85 / VA321375147000	3	0	\$0	\$0
FAMILY HOUSING WOODBRIDGE / VA321025195400	1	0	\$0	\$0
FORT PICKETT / VA321402070500 / (3)	6	1	\$11,271	\$0
FORT PICKETT ARNG MTC / VA321185154100 / (3)	1	1	\$960	\$296
USARC ABINGDON / VA321042192200	5	0	\$0	\$0
USARC ALEXANDRIA / VA321042244100	3	0	\$0	\$0
USARC ALEXANDRIA (JONES POINT) / VA321041JS0400	5	0	\$0	\$0
USARC CHARLOTTESVILLE / VA321041CS1000	1	0	\$0	\$0
USARC CHESTERFIELD (AMSA 90) / VA321041CSG300	8	0	\$0	\$0
USARC CHINCOTEAGUE (WALLOPS IS) / VA321042254300	5	0	\$0	\$0
USARC CHRISTIANSBURG (AMSA 89) / VA321041CSG200	9	0	\$0	\$0
USARC CHURCHLAND (PORTSMOUTH) / VA321041CS4800	3	0	\$0	\$0
USARC COVINGTON / VA321042192300	2	0	\$0	\$0
USARC GALAX / VA321041CS2800	5	0	\$0	\$0
USARC HAMPTON / VA32104VA03500	10	0	\$0	\$0
USARC HAMPTON (MARCELLA ROAD) / VA321042140800	7	0	\$0	\$0
USARC MARTINSVILLE / VA321041CS4000	1	0	\$0	\$0
USARC NORFOLK / VA321042065500	4	0	\$0	\$0
USARC RADFORD (NEW RIVER) / VA321042253000	3	0	\$0	\$0
USARC RICHMOND (DERVISHIAN) / VA321042291600	7	0	\$0	\$0
USARC RICHMOND 01 (MONTEITH) / VA321042176900	2	0	\$0	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Virginia				
USARC SALEM, VA / VA321042177000	2	0	\$0	\$0
USARC SPRINGFIELD (AMSA 91) / VA32104VA01900	8	0	\$0	\$0
USARC WARSAW / VA321041CS6800	1	0	\$0	\$0
USARC WAYNESBORO / VA321041CS7000	1	0	\$0	\$0
VIRGINIA AVIATION SUPPORT FACILITY / VA321185123000	3	0	\$0	\$0
NAVY				
ARLINGTON SERVICE CENTER / VA317002755800	3	0	\$2,100	\$0
DAM NECK FCTC / VA317002293900	11	0	\$754	\$0
DRIVER NAVRADSTA / VA317002251600 / (1)	11	0	\$7,043	\$0
PORTSMOUTH NAVMEDCTR / VA317002481800	2	0	\$42	\$0
FORMERLY USED DEFENSE SITES				
AAA, HUNTLEY MEADOWS / VA39799F164500	1	1	\$91	\$57
ALESHIRE QUARTERMASTER DEPOT / VA39799F164800	1	0	\$0	\$0
AVTEX FIBERS / VA39799FA19300	1	0	\$4,279	\$0
BYRD FIELD / VA39799F165300	2	0	\$395	\$0
CAPE CHARLES AFS / VA39799F156400	2	0	\$901	\$0
CAPE CHARLES AFS BUNKER / VA39799F156500	1	0	\$78	\$0
FISHERMAN ISLAND / VA39799F157300	1	0	\$128	\$0
FORT PICKETT ARMY AIRFIELD / VA39799F167400	1	0	\$110	\$0
FORT WOOL / VA39799F158300	0	1	\$0	\$160
JAMES RIVER SHIPBUILDING / VA39799F172700	1	1	\$73	\$2
MICROWAVE STA , VA / VA39799F165800	1	0	\$43	\$0
MIDLOTHIAN MICRO ST S / VA39799F159800	1	0	\$39	\$0
NANSEMOND ORDNANCE DEPOT ST PL / VA39799F156800	1	0	\$138	\$0
NAVAL COMMUNICATIONS FACILITY / VA39799F854400	1	0	\$78	\$0
NEW RIVER ORDNANCE PLANT / VA39799F156900	1	0	\$585	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Virginia				
NIKE N-36 (LYNNHAVEN) / VA39799F160900	1	0	\$747	\$0
NIKE N-63 (SUFFOLK) / VA39799F156600	1	0	\$167	\$0
NIKE N-75 (CARROLLTON PARK) / VA39799F156000	1	0	\$128	\$0
NIKE W-74 (FAIRFAX) / VA39799F167500	1	0	\$0	\$0
NIKE W-83 (DRANESVILLE) / VA39799F163800	1	0	\$129	\$0
PETERSBURG AIRPORT / VA39799F839200	1	0	\$34	\$0
Q M MARKET CNTR / VA39799F164900	1	0	\$23	\$0
USA RECRUITING CMD / VA39799F163100	1	0	\$42	\$0
USCG RESERVE TRAINING CENTER / VA39799F854500	1	0	\$448	\$0
VIRGINIA MICROWAVE STA / VA39799F162800	1	0	\$40	\$0
VIRGINIA STATE FUEL FARM / VA39799F168800	2	0	\$1,171	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Washington				
ARMY				
AFRC BELLINGHAM (STEVENS) / WA0210462Q0500	8	0	\$0	\$0
AFRC ELLENSBURG / WA0210462Q0700	4	0	\$0	\$0
AFRC PORT ORCHARD / WA0210462Q1800	1	0	\$0	\$0
AFRC TACOMA / WA021046GQ4400	1	0	\$0	\$0
AFRC YAKIMA / WA0210462Q5800	2	0	\$0	\$0
COL EDITH M. NUTTAL USARC / WA021042090500	3	0	\$0	\$0
FAMILY HOUSING NIKE SEATTLE 43 MIDWAY / WA021405374400	3	0	\$0	\$0
FAMILY HOUSING SEATTLE NIKE 32 33 / WA021405373300	3	0	\$0	\$0
KENT NATIONAL GUARD FACILITY / WA021182441000	4	0	\$0	\$0
REDMOND ARNG FACILITY / WA021185312000	6	0	\$0	\$0
RUSTON WAY PROPERTY / WA021185300000	7	0	\$0	\$0
USARC BOTHELL / WA0210462Q0600	3	0	\$0	\$0
USARC CLARKSTON / WA021046GQ0300	1	0	\$0	\$0
USARC EVERETT / WA021046GQ0900	7	0	\$0	\$0
USARC KENNEWICK / WA021046GQ1500	7	0	\$0	\$0
USARC LONGVIEW / WA0210462Q1200	3	0	\$0	\$0
USARC MOSES LAKE / WA0210462Q1400	1	0	\$0	\$0
USARC PASCO / WA0210462Q1600	1	0	\$0	\$0
USARC REDMOND / WA021042140200	1	0	\$0	\$0
USARC SPOKANE / WA021042201800	12	0	\$0	\$0
USARC TRENTWOOD (AMSA 8) / WA021046GQ7800	8	0	\$0	\$0
USARC WALLA WALLA / WA0210462Q5500	1	0	\$0	\$0
USARC WENATCHEE / WA021046GQ5600	2	0	\$0	\$0
USARC YAKIMA (PENDLETON) / WA02104WA04500	7	0	\$0	\$0
YAKIMA TRAINING CENTER / WA021402098900 / (3)	51	10	\$2,049	\$174
NAVY				
EVERETT NRC / WA017002297900	1	0	\$310	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Washington				
SEATTLE NAVRESREDCEN / WA017002341200	1	0	\$887	\$0
TACOMA NMCRC / WA017002341500	1	0	\$0	\$0
AIR FORCE				
BELLINGHAM MUNICIPAL AIRPORT / WA057282840200	1	0	\$329	\$0
FOUR LAKES COMM AIR GUARD STATION / WA057282623700	4	0	\$2,324	\$0
KINGSLEY AIR FORCE STATION / OR057282889701	1	0	\$194	\$0
SPOKANE INTERNATIONAL AIRPORT / WA057282429300	1	0	\$1,742	\$0
FORMERLY USED DEFENSE SITES				
ARLINGTON AIRPORT / WA09799F155800	1	0	\$34	\$0
BELLINGHAM ARMY AIR FIELD / WA09799F322700	1	0	\$46	\$0
BLAINE AFS / WA09799F318600	2	0	\$375	\$0
CAMP HAYDEN / WA09799F323800	1	0	\$58	\$0
COLVILLE AIR FORCE STA / WA09799F324600	1	0	\$59	\$0
COUGAR MT. NIKE 20 / WA09799F317800	3	0	\$594	\$0
COUGAR MTN. AAA SITE / WA09799F338200	1	0	\$39	\$0
EPHRATA ARMY NG GD FAC / WA09799F325900	1	0	\$20	\$0
EPHRATA BOMBING TARGET / WA09799F326000	0	1	\$0	\$178
EPHRATA GROUND TO GROUND GUNNERY RANGE / WA09799F933200	0	1	\$0	\$78
FAIRCHILD AFB ATLAS E MISSILE S-4 / WA09799F326700	1	0	\$673	\$0
FAIRCHILD AFB ATLAS E S-3 / WA09799F326600	1	0	\$23	\$0
FAIRCHILD ATLAS E S-9 / WA09799F327200	2	0	\$405	\$0
FAIRCHILD DEFENSE AREA NIKE 07 / WA09799F327700	1	0	\$46	\$0
FAIRCHILD DEFENSE AREA NIKE 45 / WA09799F327900	1	0	\$68	\$0
FORT CANBY / WA09799F151600	1	0	\$89	\$0
FORT COLUMBIA MIL. RES. / WA09799F328700	1	1	\$86	\$203
FORT EBEL MIL RESERVATION / WA09799F328800	1	0	\$68	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Washington				
FORT WARD-BAINBRIDGE ISLAND AAA BATTERY 7 / WA09799F144600	1	0	\$264	\$0
FORT WHITMAN / WA09799F329400	1	0	\$0	\$0
FORT WORDEN / WA09799F329500	2	0	\$436	\$0
GEIGER AIRFIELD / WA09799F340300	2	0	\$5,888	\$0
GEO WRIGHT AIR FORCE BASE / WA09799F329800	2	0	\$587	\$0
IONE GAP FILLER (P-60A) / WA09799F319900	1	0	\$77	\$0
KINGSTON NIKE 92 / WA09799F319100	3	0	\$256	\$0
LARSON AFB TITAN I MISSILE FACILITY S-3 / WA09799F332000	1	0	\$23	\$0
MANCHESTER AAA SITE / WA09799F338000	1	0	\$111	\$0
MANCHESTER ANNEX / WA09799F832600 / (1)	2	0	\$12,407	\$0
NASELLE AFS / WA09799F321100	2	0	\$472	\$0
NAVAL RTS - BATTLE POINT / WA09799F832800	2	0	\$390	\$0
NIKE MIDWAY 43 / WA09799F343600	2	0	\$145	\$0
NORTHWEST CENTER / WA09799F850800	1	0	\$175	\$0
OLALLA NIKE 62 / WA09799F319300	2	0	\$53	\$0
PAINE FIELD / WA09799F318800	3	2	\$2,781	\$95
POULSBO NIKE 81 / WA09799F318700	1	0	\$186	\$0
PUGET SOUND NAVAL AMMO DEPOT / WA09799F343900	1	1	\$231	\$2,242
RADIO RELAY ANNEX NO 4 / WA09799F320400	1	0	\$13	\$0
RADIO RELAY ANNEX NO 5 / WA09799F320300	1	0	\$13	\$0
RADIO RELAY ANNEX NO 7 / WA09799F320800	1	0	\$13	\$0
RADIO RELAY ANNEX NO. 3 / WA09799F320100	1	0	\$13	\$0
RADIO RELAY ANNEX NO. 6 / WA09799F320200	1	0	\$13	\$0
RADIO RELAY ANNEX NO.2 / WA09799F320600	1	0	\$13	\$0
REDMOND NIKE 13-14 / WA09799F319500	3	0	\$818	\$0
SEATTLE ARMY CHEM PLANT / WA09799F337600	0	1	\$0	\$48
SILVER LAKE AWS STATION / WA09799F340100	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Washington				
TACOMA AF POL RET DIT STA / WA09799F340700	1	0	\$109	\$0
TACOMA STORAGE SITES, USGS / WA09799F789000	1	0	\$62	\$0
TULALIP MUNITIONS DEPOT / WA09799F318900	0	1	\$0	\$7,538
VASHON NIKE 61 / WA09799F319700	1	0	\$187	\$0
WALLA WALLA ARMY AIR FLD / WA09799F342300	1	0	\$1,173	\$0
WINSLOW NIKE 82 / WA09799F319200	1	0	\$0	\$0
YOUNGS LAKE NIKE 32-33 / WA09799F319400	2	0	\$687	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
West Virginia				
ARMY				
AFRC MORGANTOWN / WV32104WV02800	5	0	\$0	\$0
AFRC SOUTH CHARLESTON (AMSA 107) / WV321042202200	7	0	\$0	\$0
POINT PLEASANT OMS #6 / WV321185413500	3	0	\$0	\$0
USARC BEAVER / WV3210416U0400	2	0	\$0	\$0
USARC BLUEFIELD / WV321042237900	5	0	\$0	\$0
USARC CLARKSBURG / WV321042243000	3	0	\$0	\$0
USARC EAST RAINELLE / WV32104WV03300	4	0	\$0	\$0
USARC ELKINS / WV321042385400	4	0	\$0	\$0
USARC FAIRMONT / WV3210416U1100	3	0	\$0	\$0
USARC GRAFTON / WV3210416U1500	3	0	\$0	\$0
USARC GRANTSVILLE / WV3210416U1800	4	0	\$0	\$0
USARC HUNTINGTON / WV32104WV01700	3	0	\$0	\$0
USARC JANE LEW / WV3210416U7000	1	0	\$0	\$0
USARC LEWISBURG, WV / WV321042385800	1	0	\$0	\$0
USARC MARTINSBURG / WV321042255800	4	0	\$0	\$0
USARC NEW MARTINSVILLE / WV321042265900	4	0	\$0	\$0
USARC PARKERSBURG / WV32104WV04600	3	0	\$0	\$0
USARC PARKERSBURG (AMSA 114) / WV321042195200	5	0	\$0	\$0
USARC RIPLEY / WV32104WV03700	3	0	\$0	\$0
USARC ROMNEY / WV321042286500	4	0	\$0	\$0
USARC VALLEY GROVE (AMSA 109) / WV32104WV03900	6	0	\$0	\$0
USARC WEIRTON / WV321042235200	3	0	\$0	\$0
USARC WHEELING / WV321042202000	3	0	\$0	\$0
VOLKSTONE / WV321185442600	0	1	\$0	\$274
AIR FORCE				
YEAGER AIRPORT / WV357282589100	5	0	\$953	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
West Virginia				
FORMERLY USED DEFENSE SITES				
GUTHRIE AFS / WV39799F346900	2	0	\$13	\$0
JEFFERSON CO TRANSMITTER / WV39799F347000	2	0	\$115	\$0
JEFFERSON COUNTY RECEIVER / WV39799F346700	2	0	\$109	\$0
MORGANTOWN OW / WV39799F346200	1	0	\$1,636	\$0
WV MANEUVER AREA / WV39799F346500	1	0	\$669	\$0
WV MANEUVER AREA/DOLLY SODS / WV39799F346000	0	1	\$0	\$3,868
YEAGER AIR NATIONAL GUARD / WV39799F711600	2	0	\$494	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Wisconsin				
ARMY				
458TH C&C DS/GS STG FACILITY / WI521044740600	12	0	\$0	\$0
AMSA #139 (G) / WI52104WI03600	13	0	\$0	\$0
AMSA #155 (G) / WI52104WI00900	8	0	\$0	\$0
ANDREW MILLER USARC/OMS / WI521044340800	8	0	\$0	\$0
APPLETON USARC/OMS / WI521042176100	2	0	\$0	\$0
BEAVER DAM MEMORIAL USARC/OMS / WI521042226200	3	0	\$0	\$0
DODGEVILLE MEMORIAL USARC / WI521042284400	5	0	\$0	\$0
ELLSWORTH USARC / WI521042386300	7	0	\$0	\$0
FAMILY HOUSING SUN PRAIRIE / WI521405516500	1	0	\$0	\$0
FOND DU LAC USARC/OMS / WI521042162700	2	0	\$0	\$0
FORT MCCOY / WI521042056300 / (1)	18	0	\$8,893	\$0
FORT MCCOY USARC (ECS 67) / WI5210443G6700	14	0	\$0	\$0
MENASHA USARC / WI521044M44900	3	0	\$0	\$0
MILWAUKEE (LOGAN) USARC/OMS / WI521042135300	3	0	\$0	\$0
MILWAUKEE USARC/AMSA#49 / WI52104WI06400 / (1)	16	0	\$137	\$0
USARC CHIPPEWA FALLS / WI521044740000	5	0	\$0	\$0
USARC DE PERE (AMSA 51) / WI52104WI00700	9	0	\$0	\$0
USARC EAU CLAIRE (KEITH) / WI521042178100	7	0	\$0	\$0
USARC GREEN BAY (BUCHANAN STREET) / WI521044340500	6	0	\$0	\$0
USARC HURLEY (AMSA 52 SUB 1) / WI5210447GS300	8	0	\$0	\$0
USARC LADYSMITH / WI521042295300	7	0	\$0	\$0
USARC MADISON (O'CONNELL) / WI521042212300	3	0	\$0	\$0
USARC MILWAUKEE (AMSA 49) / WI52104WI06300	11	0	\$0	\$0
USARC ONALASKA (AMSA 53) / WI52104WI05800	6	0	\$0	\$0
USARC OSHKOSH / WI521042207000	2	0	\$0	\$0
USARC PEWAUKEE / WI521042195300	3	0	\$0	\$0
USARC RACINE / WI521044M46000	3	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Wisconsin				
AIR FORCE				
USARC SPARTA (FORT MCCOY 240) / WI521044346300	1	0	\$0	\$0
WAUSAU USARC (EXCESS) / WI521042176000	4	0	\$0	\$0
WILLIAM F FALE USARC/OMS / WI521044M45900	1	0	\$0	\$0
WILLIAM J HUEMPFNER USARC / WI521042212900	4	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE PLANT #58 / WI59799F245400	1	0	\$176	\$0
BADGER ARMY AMM PLANT / WI59799F246600	3	0	\$329	\$0
BRANCH US DISPL BARR / WI59799F243700	1	0	\$0	\$0
BROOKS GAP FILLER AX / WI59799F243900	1	0	\$18	\$0
EAU CLAIRE OP #1 / WI59799F244900	1	0	\$3,160	\$0
MILWAUKEE OP / WI59799F245100	1	0	\$2	\$0
NIKE M-20/LAKE PARK GROUNDS / WI59799F244500	2	0	\$149	\$0
NIKE SITE M-54 / WI59799F685300	1	0	\$185	\$0
NIKE SITE M-74 / WI59799F685500	3	0	\$1,315	\$0
OSCEOLA AFS / WI59799F243500	1	0	\$330	\$0
RACINE ORD. VEHICLE TEST TRACK / WI59799F247400	1	0	\$0	\$0
RICHARD BONG AFB / WI59799F243400	1	0	\$0	\$0
TOMAH AAF TECH TNG / WI59799F243600	1	0	\$22	\$0
TRUAX AAF / WI59799FA21000	2	0	\$25	\$0
TWO CREEKS / WI59799F244200	1	0	\$93	\$0
WILLIAMS BAY AFS / WI59799F244300	1	0	\$217	\$0

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-8 IRP/MMRP Status of Installations with Response Completed at all Sites as of September 30, 2009

Installation / FFID	Total Number of Sites		Costs Incurred Through FY09 (\$000)	
	IRP	MMRP	IRP	MMRP
Wyoming				
ARMY				
SHERIDAN AFRC / WY821046FR0600	5	0	\$0	\$0
USARC CHEYENNE / WY821046FR0400	2	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CASPER PRE BOMB RGE NO 2 / WY89799F087400	0	1	\$0	\$99
CASPER PRE BOMB RGE NO 4 / WY89799F087600	0	1	\$0	\$102
SPLIT ROCK AIR TO AIR GUNNERY RANGE / WY89799F088200	0	1	\$0	\$119
SUNDANCE AF STA Z-201 / WY89799F091500	1	0	\$219	\$0
SUNDANCE FAM HOU AX / WY89799F091800	3	0	\$673	\$0
SUNDANCE WASTE ANNEX / WY89799F091600	1	0	\$74	\$0
TORRINGTON NG TARGET RGE / WY89799F092100	0	1	\$0	\$2

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table C-9 Status of Potentially Responsible Party with Costs Incurred Through FY09 Greater Than \$100,000

Location	Costs Incurred Through FY09 (\$000)
Alaska	
DEFENSE LOGISTICS AGENCY	
Arctic Surplus Site*	\$13,681
Alaska Battery Site	\$100
Alabama	
DEFENSE LOGISTICS AGENCY	
Bone Site	\$593
Fuels and Chemicals Site	\$335
Arizona	
AIR FORCE	
Tuscon IAP	\$3,812
California	
ARMY	
Fresno Drum Site	\$221
NAVY	
Lubrication Co. of America	\$247
Operating Industries	\$1,134
AIR FORCE	
Stringfellow Site	\$5,124
Punity Oil Sales	\$479
DEFENSE LOGISTICS AGENCY	
Fresno Drum Site	\$379
Bay Area Drum Site	\$252
Garvey Avenue Site	\$844
Lost Hills Dump Site	\$153
Colorado	
AIR FORCE	
Lowry Cogeneration Site	\$165
Delaware	
AIR FORCE	
Kent Co/Houston Landfill Site	\$184

Location	Costs Incurred Through FY09 (\$000)
Florida	
NAVY	
Hipps Road	\$4,385
Pioneer Sand and Gravel	\$2,298
DEFENSE LOGISTICS AGENCY	
Ellis Road Site	\$1,124
Petroleum Products Site	\$134
Yellow Water Road Site	\$2,675
Indiana	
DEFENSE LOGISTICS AGENCY	
Bird Site	\$207
Kansas	
DEFENSE LOGISTICS AGENCY	
Chemical Commodity Site	\$1,525
Kentucky	
NAVY	
Maxey Flats	\$5,800
Louisiana	
DEFENSE LOGISTICS AGENCY	
Vining Site	\$215
Massachusetts	
ARMY	
Cape Cod Cranberry Growers Assn	\$836
AIR FORCE	
Ravenbrook Farms	\$73
Maryland	
DEFENSE LOGISTICS AGENCY	
Roger's Electric Site	\$373

Table C-9 Status of Potentially Responsible Party with Costs Incurred Through FY09 Greater Than \$100,000

Location	Costs Incurred Through FY09 (\$000)
Maine	
NAVY	
Hooper Sands	\$2,940
AIR FORCE	
McKin Site	\$3,845
DEFENSE LOGISTICS AGENCY	
Eastern Surplus Site	\$1,878
McKin Co. Site (DFSC)	\$145
Mississippi	
AIR FORCE	
NASA Stennis Space Center	\$262
NCBC Gulfport Dioxin Site	\$857
Berlin and Farro NPL Site	\$323
DEFENSE LOGISTICS AGENCY	
Enterprise Recovery Site	\$172
Montana	
AIR FORCE	
Jacobs Drum Site	\$183
Bootlegger Trail	\$806
Wire Mill Road	\$200
DEFENSE LOGISTICS AGENCY	
Manganese Pile Site, (DNSC)	\$1,323
North Carolina	
DEFENSE LOGISTICS AGENCY	
Ginn Site	\$140
National Pin Site	\$455
Snipes Site	\$176
New Hampshire	
AIR FORCE	
Gomez Percol Site	\$299

Location	Costs Incurred Through FY09 (\$000)
New Mexico	
AIR FORCE	
South Valley	\$4,307
Nevada	
DEFENSE LOGISTICS AGENCY	
Buck's War Surplus Site*	\$1,935
New York	
AIR FORCE	
Philmar Site	\$1,301
Ohio	
AIR FORCE	
Pristine Inc.	\$233
Cleanup Former Base	\$660
DEFENSE LOGISTICS AGENCY	
Summit Site	\$24,347
Oklahoma	
AIR FORCE	
Mosley Road	\$114
DEFENSE LOGISTICS AGENCY	
Snow Valley Ranch Site	\$108
Pennsylvania	
AIR FORCE	
Sunset Golf Course	\$2,553
Rhode Island	
NAVY	
LLR Site, Smithfield	\$194
South Carolina	
NAVY	
Truman Annex Excess Land	\$381
Federal Service Center	\$413

Table C-9 Status of Potentially Responsible Party with Costs Incurred Through FY09 Greater Than \$100,000

Location	Costs Incurred Through FY09 (\$000)
Aquatech, Greer	\$125
DEFENSE LOGISTICS AGENCY	
Aqua-Tech Site	\$125
Texas	
AIR FORCE	
Bio-Ecology Site	\$1,380
DEFENSE LOGISTICS AGENCY	
Calcium hypochloride Site	\$129
Utah	
DEFENSE LOGISTICS AGENCY	
North American Site	\$405
Ottley Pasture Site	\$633
Virginia	
DEFENSE LOGISTICS AGENCY	
Fine Petroleum Site	\$100
Cylinders Site (CAAE)	\$200
Washington	
AIR FORCE	
Colbert Landfill	\$1,450
West Virginia	
AIR FORCE	
J F & M Transformer Site	\$127
DEFENSE LOGISTICS AGENCY	
J F & M Site	\$133



D

Environmental Restoration Narratives

This appendix contains narratives describing environmental restoration progress and funding at 194 Department of Defense (DoD) installations and former properties. These narratives summarize Defense Environmental Restoration Program (DERP) activities at (1) active DoD installations and Formerly Used Defense Site (FUDS) properties that are on, or proposed for, U.S. Environmental Protection Agency's (EPA's) National Priorities List (NPL); and (2) Base Realignment and Closure (BRAC) installations that have closed or have been identified for closure with significant environmental restoration costs as of September 30, 2009. The NPL is a list of the installations and properties with known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. Currently, unexploded ordnance and discarded military munitions are not considerations for placing installations and properties on the NPL.

Environmental Restoration Narrative Format

Each narrative provides specific information about the installation and its progress toward restoration goals. The box at the top of the narrative (Top Box) displays the:

- Federal Facility Identification (FFID) number
- Location and size in acres
- Mission
- Hazard Ranking System (HRS) score
- Interagency agreement (IAG) status
- Contaminants found at the installation
- Media affected

Other information in the Top Box includes total funding to date, estimated cost-to-complete (CTC), completion year (the estimated time in which all response actions at the installation will be complete), number of sites, final remedy in place (RIP) or response complete (RC) dates for DERP sites in the Installation Restoration Program (IRP) and the Military Munitions Response Program (MMRP), five-year review report status, an IRP/MMRP status figure and reference to additional information. Figure D-1 describes each of these data elements in more detail.

The narratives summaries also highlight the installation's past environmental restoration activities and planned efforts. The Progress To Date section provides background information on the installation and summarizes important environmental restoration events. Additionally, this section provides detailed descriptions of environmental restoration progress at the installation under the IRP and MMRP for Fiscal Year (FY) 05 through FY08. The next two sections of each narrative, FY09 IRP Progress and FY09 MMRP Progress, addresses current year environmental restoration progress. The final narrative section, entitled Plan of Action, includes information on activities that will be conducted at the installation during the next two fiscal years, with action items distinguished by IRP and MMRP categories.

Applicable Requirements

This appendix fulfills the statutory reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) §120(e)(5) and the Superfund Amendments and Reauthorization Act (SARA) §211.

Required elements of these installation narratives include a description of any hazardous materials present at each facility, plans and schedules for completing response action, and an explanation of any postponements or failures to complete response actions as planned. All of these requirements are covered in the narrative text.

Five-year review report status is a statutorily required element of the environmental restoration narratives. Reviews of the remedial action may be required for specific sites no less than every five years after initiating the remedy. More information can be found in the Top Box and Progress To Date sections of each narrative.

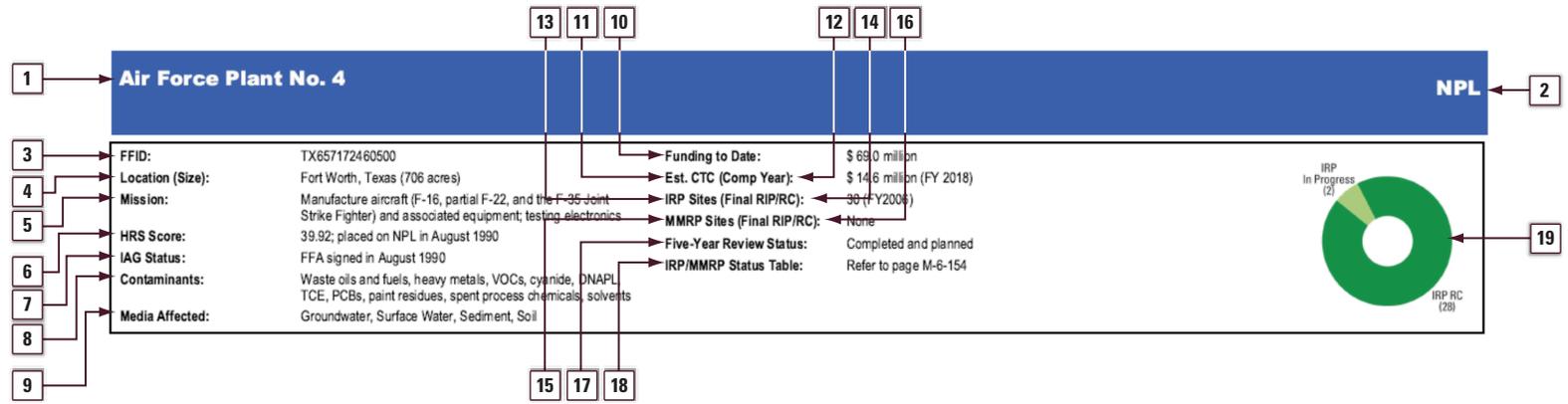
Additionally, environmental restoration narratives include information on munitions response activity and MMRP progress to comply with Congressional reporting requirements. Past MMRP accomplishments are described in the Progress To Date section of the narrative, while reporting year activities are discussed under the FY09 MMRP Progress section.

An installation may need to change its funding projections from year to year. Installations that have an estimated CTC for cleanup activities greater than \$10 million must include an explanation for environmental cleanup cost estimate differences of greater than 10 percent from the previous year. Significant changes in an installation's CTC estimate are noted in the FY09 IRP Progress section. There are three explanation categories for CTC changes: technical issues (including, but not limited to, additional sites found, incomplete site data, and additional or extended remedial action operations); regulatory issues (including, but not limited to, lowering an existing cleanup requirement and creating new regulations); and estimating criteria (including, but not limited to, the addition of overlooked or previously unknown cost data database updates, and corrections).

Environmental Restoration Narrative Status

Figure D-2 provides a summary of the narratives on the NPL, proposed for the NPL, and BRAC installations that have undergone or have been identified for closure or realignment. The header of each narrative identifies current and former installation names and NPL/BRAC status. The BRAC status reflects Commission actions impacting the installations, not the funding source. Installations realigned under BRAC 2005 continue to receive funding for cleanup activities from the DoD Component's Environmental Restoration Account.

Figure D-1 Data Element Descriptions



Data Element Description

1	Installation Name—provides the name of the DoD installation or FUDS property.
2	NPL/BRAC Status—if NPL or proposed NPL is displayed, indicates that the DoD installation or FUDS property is listed on or has been proposed for listing on the U.S. Environmental Protection Agency's (EPA's) NPL. The NPL is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. If BRAC is displayed, indicates that the DoD installation has been identified for closure or realignment under one or more of the five BRAC rounds (1988, 1991, 1993, 1995, and 2005).
3	Federal Facility Identification Number—a unique 14-digit alphanumeric identifier used to manage and track each DoD installation and FUDS property.
4	Location (Size)—identifies the city or county, and state where the installation is located, and the size of the installation in acres.
5	Mission—describes the primary activities conducted at the installation.
6	Hazard Ranking System Score—used by EPA to assess the installation's relative threat to human health and the environment. Sites scoring 28.50 or higher are eligible for placement on the NPL.
7	IAG Status—indicates whether the installation has signed a federal facility agreement (FFA) under CERCLA Section 120's requirement for an interagency agreement (IAG).
8	Contaminants—identifies contaminants known or suspected to be present at the installation.
9	Media Affected—identifies environmental media known or suspected to be impacted by contaminants at the installation. Media types include groundwater, surface water, sediment, and soil.
10	Funding to Date—represents funding allocated to IRP sites and munitions response sites (MRSs) for each phase from the time cleanup activities were initiated through FY2008, in millions of dollars.
11	Estimated CTC—represents funding projected for allocation to IRP sites and MRSs from FY2009 through completion of cleanup activities, including LTM, in millions of dollars.
12	Completion Year—represents the projected new year when remedial action, excluding LTM, is complete at IRP sites and MRSs..
13	IRP Sites—represents the total number of IRP sites at the DoD installation or FUDS property.
14	Final IRP RIP/RC—represents the date by which all IRP sites will have achieved remedy in place or response complete.
15	MMRP Sites (Final MMRP RIP/RC)—represents the total number of MRSs at the DoD installation or FUDS property.
16	Final MMRP RIP/RC—represents the date by which all MRSs will have achieved remedy in place or response complete.
17	Five-Year Review Status—provides the status of the 5-year review for the DoD installation or FUDS property, where such review is required. A 5-year review may be completed, underway, planned for the future, or any combination thereof. Five-year reviews may be required for selected sites, not necessarily all sites at a DoD installation or FUDS property.
18	IRP/MMRP Status Table—references the location of detailed cleanup information for the DoD installation or FUDS property in Appendix M: Installation Restoration Program and Military Munitions Response Program Status Tables.
19	IRP/MMRP Status Figure—illustrates the number of IRP sites and MRSs with cleanup in progress (e.g., investigation and remedial action) and with response complete, including LTM.

As environmental restoration progresses, some installations previously included in this appendix no longer require a narrative. A narrative may no longer be needed for many reasons, including the installation's deletion from the NPL or a DoD determination of no further action (NFA) required for the property. No narratives were removed from the NPL in FY2009. Figure D-3 lists installations that previously had narratives in this appendix, the reason for each installation's removal from the appendix, and the year of the last Annual Report to Congress (ARC) in which a complete narrative for the installation appeared. Installations that do not require narratives after this reporting year are noted in the FY2009 IRP Progress section. These narratives include Agana Naval Air Station and Carswell Air Force Base.

In FY2009, the final BRAC determination transferred part of Naval Weapons Station Concord to the Army, creating the Military Ocean Terminal Concord narrative.

Figure D-4 provides an index of the Appendix D narratives, listing all of the environmental restoration narratives alphabetically, by DoD Component. For each installation in this appendix, the index also includes the status of the installation (NPL, proposed NPL, or BRAC) and the page on which each restoration narrative is located. BRAC status may refer to installations scheduled for realignment or closure.

Each environmental restoration narrative contains at least one unique FFID, which is used to identify and track federal facilities and assist with prioritizing, managing, and tracking environmental projects. However, the narrative for Brandywine Defense Reutilization and Marketing Office is listed under the same FFID as Andrews Air Force Base, because Brandywine facility is included in the Andrews Air Force Base IRP site inventory.

Appendix E of this report defines acronyms found in the environmental restoration narratives. Appendix C: IRP and MMRP Status Tables provides more information about site status and program costs for each installation in this appendix. Detailed information on environmental restoration activities at an installation prior to FY2005 can be found in the installation narratives from earlier editions of the Defense Environmental Programs Annual Report to Congress, which can be accessed through the Defense Environmental Management Network and Information eXchange (DENIX) Web site at <https://www.denix.osd.mil/>.

Figure D-2 Status of Installation Narratives by DoD Component*

DoD Component	NPL	Proposed NPL	BRAC	Total
Army	35	0	39	53
Navy and Marine Corps	49	0	45	66
Air Force	43	4	46	59
DLA	4	0	2	5
FUDS	11	0	0	11
Total	142	4	132	194

* This report includes 194 environmental restoration narratives in Appendix D. The sum of the subtotals in the table above is higher than the total number of narratives, as some installations are both NPL and BRAC.

Figure D-3 Installations No Longer Requiring Narratives

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared	IRP/MMRP Status Table Reference
Army						
Army Research Laboratory—Watertown	MA121382093900	MA	NPL	The Army has completed all required actions at this installation, and EPA has deleted it from the NPL.	FY2008	C-8-29
Army Research Laboratory—Woodbridge	VA321382098100	VA	BRAC 1991	All remedies are in place at this installation and all property has been transferred.	FY2001	C-8-59
Cameron Station	VA321022013900	VA	BRAC 1988	All remedies are in place at this installation and all property has been transferred.	FY2000	C-7-56
Camp Bonneville	WA021402011200	WA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2006	C-7-57
Defense Distribution Depot Ogden	UT821002092200	UT	NPL/ BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2003	C-6-167
Detroit Arsenal and Tank Plant	MI521382026800	MI	BRAC 1995	The Army has completed all required actions at this installation. This installation achieved RIP and RC status, and all property has been transferred.	FY2002	C-8-31
Fitzsimons Army Medical Center	CO821162033300	CO	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2003	C-8-10
Fort Benjamin Harrison	IN521372040200	IN	BRAC 1991	The Army has completed all required actions at the installation. This installation achieved RIP/RC status and all property has been transferred.	FY2000	C-8-21
Fort Chaffee	AR621372018700	AR	BRAC 1995	The Army has completed all required actions at this installation.	FY2008	C-8-5
Fort Dix BRAC	NJ221402027500	NJ	BRAC 1995	The Army has completed all required actions at this installation.	FY2008	C-8-39
Fort Greely	AK021452215500	AK	BRAC 1995	This installation became part of the Strategic Missile Defense Command and is no longer a BRAC installation.	FY2002	C-6-3
Fort Ritchie	MD321022075800	MD	BRAC 1995	The Army has completed all required actions at the installation.	FY2008	C-8-28
Fort Pickett	VA321402070500	VA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2006	C-8-59
Fort Totten	NY221022089700	NY	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2004	C-8-41
Hamilton Army Airfield	CA921402303800	CA	BRAC 1988	The Army has completed all required actions at this installation.	FY2008	C-8-6
Hingham Annex	MA121402280500	MA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY2003	C-8-29
Lexington Facility	KY421382050900	KY	BRAC 1988	The Army has completed all required actions at this installation.	FY2008	C-8-25
Military Ocean Terminal, Bayonne	NJ221352275200	NJ	BRAC 1995	All remedies are in place at the installation and all property has been transferred.	FY2002	C-8-39
Presidio of San Francisco	CA921402079100	CA	BRAC 1988	The Army is no longer responsible for restoration activities at the installation. The Presidio Trust will conduct subsequent activities.	FY1999	C-8-6
Schofield Barracks	HI921452223900	HI	NPL	The installation has reached the construction complete milestone, and EPA has deleted it from the NPL.	FY2000	C-6-69
Sudbury Training Annex	MA121402300900	MA	NPL/ BRAC 1995	All remedies are in place at the installation and all property has been transferred. EPA has deleted the installation from the NPL.	FY2003	C-8-29
Sunflower Army Ammunition Plant	KS721382087800	KS	Proposed NPL	EPA withdrew the proposal to place the installation on the NPL, and all property has been transferred.	FY2006	C-8-23

Figure D-3, cont. Installations No Longer Requiring Narratives

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared	IRP/MMRP Status Table Reference
Navy and Marine Corps						
Driver Naval Radio Transmitting Facility	VA317002251600	VA	BRAC 1993	The Navy does not require further cleanup.	FY2008	C-8-60
Glenview Naval Air Station and Libertyville Training Site	IL517002293000/ IL517009999900	IL	BRAC 1993	The Navy completed transfer of all property and does not require further cleanup.	FY2003	C-8-19
Indianapolis Naval Air Warfare Center	IN517002349900	IN	BRAC 1995	The Navy completed the transfer of all land and offshore property and does not require further cleanup.	FY2003	C-7-24
Kaho'olawe Island	N/A	HI	N/A	A narrative is not legally required.	FY2004	N/A
Louisville Naval Surface Warfare Center	KY417002417500	KY	BRAC 1995	The Navy does not require further cleanup.	FY2008	C-7-27
Midway Naval Air Facility	MO917002758400	MO	BRAC 1993	The Navy does not require further cleanup.	FY2004	C-8-33
Naval Magazine Indian Island	WA017002756800	WA	NPL	EPA deleted the installation from the NPL, and the Navy completed all response actions.	FY2005	C-7-57
Oakland Fleet and Industrial Supply Center	CA917002477600	CA	BRAC 1995	The Navy completed the transfer of all land and offshore property and does not require further cleanup.	FY1999	C-8-7
Sabana Seca Naval Security Group Activity	PR217002753500	PR	NPL	EPA deleted the installation from the NPL, and no further action (NFA) is required for any sites.	FY1999	C-7-47

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared	IRP/MMRP Status Table Reference
Air Force						
Air Force Plant No. 85	OH557172887000	OH	Proposed NPL	The Air Force does not require further cleanup.	FY2005	C-7-44
Chicago O'Hare International Airport Air Reserve Station	IL557122427200	IL	BRAC 1993	The Air Force does not require further cleanup; however, the Air Force is complying with regulatory requirements for periodic environmental monitoring and reporting.	FY2008	C-8-19
Luke Air Force Base	AZ957152413300	AZ	NPL	EPA deleted the installation from the NPL with only remedial action operations and long-term management.	FY2002	C-7-5
Minneapolis-St. Paul Air Reserve Base	MN557122427500	MN	NPL	EPA deleted the installation from the NPL, and NFA is required for any sites.	FY1999	C-8-33
Roslyn Air Guard Station	NY257282429600	NY	BRAC 1995	The Air Force achieved site closeout (SC) for all sites and does not plan to spend additional restoration funds at this installation.	FY1997	C-8-42

Figure D-3, cont. Installations No Longer Requiring Narratives

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared	IRP/MMRP Status Table Reference
FUDS						
Avco Lycoming Superfund Site	PA39799F145100	PA	NPL	DoD requires NFA at this property.	FY1996	C-8-51
Former Weldon Spring Ordnance Works	MO79799F037400	MO	NPL	DoD requires NFA at this property.	FY2006	C-8-36
Jet Propulsion Laboratory	CA99799F546700	CA	NPL	The U.S. Army Corps of Engineers (USACE) does not currently conduct cleanup at this property. NASA is managing the site remediation.	FY2005	C-7-11
Kingsbury (Fisher-Calo)	IN59799F357000	IN	NPL	DoD requires NFA at this property. EPA and the private potentially responsible parties are managing the site remediation.	FY1999	C-6-84
Malta Rocket Fuel Area	NY29799F128100	NY	NPL	DoD has no remaining liability at this property.	FY1999	C-8-42
Marathon Battery Corporation	NY29799F114200	NY	NPL	DoD requires NFA at this property, and EPA deleted this property from the NPL.	FY1996	C-8-42
Middletown Air Field	PA39799F144500	PA	NPL	EPA deleted this property from the NPL.	FY1996	C-8-51
National Presto Industries	WI59799F244900	WI	NPL	USACE does not require further cleanup at this property.	FY2005	C-8-64
New Hanover County Airport	NC49799F483500	NC	NPL	DoD has no remaining liability at this property.	FY2006	C-8-44
Ordnance Works Disposal Areas	WV39799F346200	WV	NPL	USACE does not require further cleanup at this property.	FY2006	C-8-63
San Bernardino Engineering Depot	CA99799F558700	CA	NPL	USACE does not require further cleanup at this property.	FY2005	C-8-9
San Fernando Valley (Area 1)	CA99799F530400	CA	NPL	DoD has no remaining liability at this property.	FY2001	C-8-7
Strother Army Airfield	KS79799F031800	KS	NPL	DoD has no remaining liability at this property.	FY2001	C-7-26

Figure D-4 FY2009 Environmental Restoration Narratives

Installation Name	State	Status*	Page
Army			
Aberdeen Proving Ground	MD	NPL/BRAC	D-11
Alabama Army Ammunition Plant	AL	NPL/BRAC	D-17
Anniston Army Depot	AL	NPL/BRAC	D-23
Cornhusker Army Ammunition Plant	NE	NPL	D-41
Deseret Chemical Depot	UT	BRAC	D-49
Fort Detrick	MD	Proposed NPL	D-64
Fort Devens	MA	NPL/BRAC	D-65
Fort Dix	NJ	NPL/BRAC	D-66
Fort Eustis	VA	NPL/BRAC	D-67
Fort George G. Meade	MD	NPL/BRAC	D-68
Fort Gillem	GA	BRAC	D-69
Fort Lewis	WA	NPL/BRAC	D-70
Fort McClellan	AL	BRAC	D-71
Fort McPherson	GA	BRAC	D-72
Fort Monmouth	NJ	BRAC	D-73
Fort Monroe	VA	BRAC	D-74
Fort Ord	CA	NPL/BRAC	D-75
Fort Richardson	AK	NPL/BRAC	D-76
Fort Riley	KS	NPL	D-77
Fort Sheridan	IL	BRAC	D-78
Fort Wainwright	AK	NPL	D-79
Fort Wingate	NM	BRAC	D-80
Iowa Army Ammunition Plant	IA	NPL	D-94
Jefferson Proving Ground	IN	BRAC	D-96
Joliet Army Ammunition Plant	IL	NPL	D-97
Kansas Army Ammunition Plant	KS	BRAC	D-99
Lake City Army Ammunition Plant	MO	NPL	D-102
Letterkenny Army Depot	PA	NPL/BRAC	D-105

Installation Name	State	Status*	Page
Army, cont.			
Lone Star Army Ammunition Plant	TX	NPL/BRAC	D-106
Longhorn Army Ammunition Plant	TX	NPL	D-108
Louisiana Army Ammunition Plant	LA	NPL	D-110
Milan Army Ammunition Plant	TN	NPL	D-121
Military Ocean Terminal Concord	CA	NPL	D-122
Mississippi Army Ammunition Plant	MS	BRAC	D-123
Newport Chemical Depot	IN	BRAC	D-142
Oakland Army Base	CA	BRAC	D-146
Picatinny Arsenal	NJ	NPL/BRAC	D-156
Pueblo Chemical Depot	CO	BRAC	D-159
Red River Army Depot	TX	BRAC	D-161
Redstone Arsenal	AL	NPL/BRAC	D-162
Riverbank Army Ammunition Plant	CA	NPL/BRAC	D-166
Rocky Mountain Arsenal	CO	NPL	D-168
Sacramento Army Depot	CA	NPL/BRAC	D-169
Savanna Army Depot	IL	NPL/BRAC	D-172
Seneca Army Depot	NY	NPL/BRAC	D-173
Sierra Army Depot	CA	BRAC	D-174
Stratford Army Engine Plant	CT	BRAC	D-177
Tobyhanna Army Depot	PA	NPL/BRAC	D-179
Tooele Army Depot	UT	NPL/BRAC	D-180
Twin Cities Army Ammunition Plant	MN	NPL	D-186
U.S. Army Soldiers Systems Center	MA	NPL/BRAC	D-188
Umatilla Chemical Depot	OR	NPL/BRAC	D-189
Vint Hill Farms Station	VA	BRAC	D-190

Installation Name	State	Status*	Page
Navy and Marine Corps			
Adak Naval Air Facility	AK	NPL/BRAC	D-12
Agana Naval Air Station	GU	BRAC	D-13
Alameda Naval Air Station	CA	NPL/BRAC	D-18
Albany Marine Corps Logistics Base	GA	NPL/BRAC	D-19
Allegany Ballistics Laboratory	WV	NPL	D-20
Bangor Naval Submarine Base	WA	NPL/BRAC	D-26
Barbers Point Naval Air Station	HI	BRAC	D-27
Barstow Marine Corps Logistics Base	CA	NPL/BRAC	D-28
Bedford Naval Weapons Industrial Reserve Plant	MA	NPL	D-29
Camp Lejeune Marine Corps Base	NC	NPL	D-33
Camp Pendleton Marine Corps Base	CA	NPL/BRAC	D-34
Cecil Field Naval Air Station	FL	NPL/BRAC	D-37
Charleston Naval Complex	SC	BRAC	D-39
Cherry Point Marine Corps Air Station	NC	NPL/BRAC	D-40
Dallas Naval Air Station	TX	BRAC	D-42
Davisville Naval Construction Battalion Center	RI	NPL/BRAC	D-43
Earle Naval Weapons Station	NJ	NPL	D-52
El Toro Marine Corps Air Station	CA	NPL/BRAC	D-55
Fridley Naval Industrial Reserve Ordnance Plant	MN	NPL	D-81
Guam Apra Harbor Complex	GU	BRAC	D-87
Hunter's Point Annex—Treasure Island Naval Station	CA	NPL/BRAC	D-92
Indian Head Naval Surface Warfare Center	MD	NPL/BRAC	D-93
Jacksonville Naval Air Station	FL	NPL/BRAC	D-95
Keyport Naval Undersea Warfare Center	WA	NPL	D-101
Lakehurst Naval Air Engineering Station	NJ	NPL	D-102

* BRAC status may refer to installations slated for realignment or closure.

Figure D-4, cont. FY2009 Environmental Restoration Narratives

Installation Name	State	Status*	Page
Navy and Marine Corps, cont.			
Long Beach Naval Complex	CA	BRAC	D-107
Mare Island Naval Shipyard	CA	BRAC	D-113
Marine Corps Base Quantico	VA	NPL/BRAC	D-114
Mechanicsburg Naval Inventory Control Point	PA	NPL	D-120
Moffett Field Naval Air Station	CA	NPL/BRAC	D-124
Naval Activity Puerto Rico	PR	BRAC	D-128
Naval Air Station Brunswick	ME	NPL/BRAC	D-129
Naval Amphibious Base Little Creek	VA	NPL	D-130
Naval Auxiliary Landing Field Crows Landing	CA	BRAC	D-131
Naval Computer and Telecommunications Area Master Station, Pacific	HI	NPL	D-132
Naval Facilities on Vieques	PR	NPL	D-133
Naval Fuel Depot, Point Molate	CA	BRAC	D-134
Naval Station Newport	RI	NPL	D-135
Naval Support Facility, Dahlgren	VA	NPL/BRAC	D-137
Naval Weapons Station Seal Beach, Detachment Concord	CA	NPL/BRAC	D-138
New London Naval Submarine Base	CT	NPL/BRAC	D-140
Norfolk Naval Base	VA	NPL	D-143
Norfolk Naval Shipyard	VA	NPL	D-144
Orlando Naval Training Center	FL	BRAC	D-148
Parris Island Marine Corps Recruit Depot	SC	NPL	D-150
Patuxent River Naval Air Station	MD	NPL/BRAC	D-151
Pearl Harbor Naval Complex	HI	NPL	D-152
Pensacola Naval Air Station	FL	NPL/BRAC	D-154
Philadelphia Naval Complex	PA	BRAC	D-155
Portsmouth Naval Shipyard	ME	NPL	D-158
Puget Sound Naval Shipyard	WA	NPL	D-160
San Diego Naval Training Center	CA	BRAC	D-170

* BRAC status may refer to installations slated for realignment or closure.

Installation Name	State	Status*	Page
Navy and Marine Corps, cont.			
South Weymouth Naval Air Station	MA	NPL/BRAC	D-175
St. Juliens Creek Annex	VA	NPL	D-176
Treasure Island Naval Station	CA	BRAC	D-182
Trenton Naval Air Warfare Center Aircraft Division	NJ	BRAC	D-183
Tustin Marine Corps Air Station	CA	BRAC	D-185
Warminster Naval Air Warfare Center Aircraft Division	PA	NPL/BRAC	D-191
Washington Navy Yard	DC	NPL/BRAC	D-172
Whidbey Island Naval Air Station	WA	NPL/BRAC	D-194
White Oak Naval Surface Warfare Center	MD	BRAC	D-195
Whiting Field Naval Air Station	FL	NPL	D-196
Williamsburg FISC, Cheatham Annex	VA	NPL	D-198
Willow Grove Naval Air Station Joint Reserve Base	PA	NPL/BRAC	D-200
Yorktown Naval Weapons Station	VA	NPL/BRAC	D-203
Yuma Marine Corps Air Station	AZ	NPL/BRAC	D-204

Installation Name	State	Status*	Page
Air Force			
Air Force Plant No. 4	TX	NPL	D-14
Air Force Plant No. 44	AZ	NPL	D-15
Air Force Plant PJKS	CO	NPL	D-16
Andersen Air Force Base	GU	NPL/BRAC	D-21
Andrews Air Force Base	MD	NPL/BRAC	D-22
Arnold Engineering Development Center	TN	Proposed NPL	D-24
Atlantic City Air National Guard Base	NJ	NPL/BRAC	D-25
Bergstrom Air Force Base	TX	BRAC	D-30
Brandywine Defense Reutilization and Marketing Office	MD	NPL	D-31
Brooks City Base	TX	BRAC	D-32

Installation Name	State	Status*	Page
Air Force, cont.			
Carswell Air Force Base	TX	BRAC	D-35
Castle Air Force Base	CA	NPL/BRAC	D-36
Chanute Air Force Base	IL	Proposed NPL/BRAC	D-38
Dover Air Force Base	DE	NPL	D-50
Eaker Air Force Base	AR	BRAC	D-51
Edwards Air Force Base	CA	NPL/BRAC	D-53
Eielson Air Force Base	AK	NPL/BRAC	D-54
Ellsworth Air Force Base	SD	NPL	D-56
Elmendorf Air Force Base	AK	NPL/BRAC	D-57
England Air Force Base	LA	BRAC	D-58
F.E. Warren Air Force Base	WY	NPL	D-59
Fairchild Air Force Base	WA	NPL/BRAC	D-60
Galena Forward Operating Location	AK	BRAC	D-82
Gentile Air Force Station	OH	BRAC	D-83
George Air Force Base	CA	NPL/BRAC	D-84
Griffiss Air Force Base	NY	NPL/BRAC	D-85
Grissom Air Force Base	IN	BRAC	D-86
Hanscom Air Force Base	MA	NPL/BRAC	D-88
Hill Air Force Base	UT	NPL/BRAC	D-90
Homestead Air Force Base	FL	NPL/BRAC	D-91
K.I. Sawyer Air Force Base	MI	BRAC	D-98
Kelly Air Force Base	TX	BRAC	D-100
Langley Air Force Base	VA	NPL/BRAC	D-104
Loring Air Force Base	ME	NPL/BRAC	D-109
Lowry Air Force Base	CO	BRAC	D-111
March Air Force Base	CA	NPL/BRAC	D-112
Massachusetts Military Reservation	MA	NPL	D-115
Mather Air Force Base	CA	NPL/BRAC	D-116
McChord Air Force Base	WA	NPL/BRAC	D-117
McClellan Air Force Base	CA	NPL/BRAC	D-118
McGuire Air Force Base	NJ	NPL	D-119

Figure D-4, cont. FY2009 Environmental Restoration Narratives

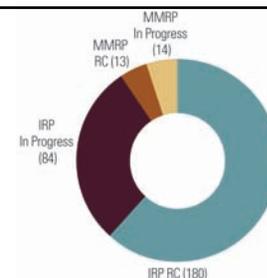
Installation Name	State	Status*	Page
Air Force, cont.			
Mountain Home Air Force Base	ID	NPL/BRAC	D-126
Myrtle Beach Air Force Base	SC	BRAC	D-127
Newark Air Force Base	OH	BRAC	D-141
Norton Air Force Base	CA	NPL/BRAC	D-145
Pease Air Force Base	NH	NPL/BRAC	D-153
Plattsburgh Air Force Base	NY	NPL/BRAC	D-157
Reese Air Force Base	TX	BRAC	D-163
Richards-Gebaur Air Reserve Station	MO	BRAC	D-164
Rickenbacker Air National Guard Base	OH	Proposed NPL/BRAC	D-165
Robins Air Force Base	GA	NPL/BRAC	D-167
Tinker Air Force Base	OK	NPL/BRAC	D-178
Travis Air Force Base	CA	NPL	D-181
Tucson International Airport	AZ	NPL	D-184
Tyndall Air Force Base	FL	NPL/BRAC	D-187
Williams Air Force Base	AZ	NPL/BRAC	D-197
Willow Grove Air Reserve Base	PA	NPL	D-199
Wright-Patterson Air Force Base	OH	NPL/BRAC	D-201
Wurtsmith Air Force Base	MI	Proposed NPL/BRAC	D-202

* BRAC status may refer to installations slated for realignment or closure.

Installation Name	State	Status*	Page
DLA			
Defense Distribution Depot Memphis	TN	NPL/BRAC	D-44
Defense Distribution Depot San Joaquin, Sharpe Facility	CA	NPL	D-45
Defense Distribution Depot San Joaquin, Tracy Facility	CA	NPL	D-46
Defense Supply Center Philadelphia	PA	BRAC	D-47
Defense Supply Center Richmond	VA	NPL	D-48

Installation Name	State	Status*	Page
FUDS			
Fike-Artel Chemical	WV	NPL	D-61
Former Nansemond Ordnance Depot	VA	NPL	D-62
Fort Crowder	MO	NPL	D-63
Hastings Groundwater Contamination Site	NE	NPL	D-89
Moses Lake Wellfield Contamination Site	WA	NPL	D-125
Naval Station Todd-Tacoma	WA	NPL	D-136
Nebraska Ordnance Plant	NE	NPL	D-139
Old Navy Dump/Manchester Annex	WA	NPL	D-147
Pantex Plant	TX	NPL	D-149
Sangamo Electric Dump/Crab Orchard National Wildlife Refuge	IL	NPL	D-171
West Virginia Ordnance Works	WV	NPL	D-193

FFID:	MD321382135500	Media Affected:	Surface Water, Sediment, Soil, Groundwater
Location (Size):	Edgewood and Aberdeen, Maryland (72,516 acres)	Funding to Date:	\$ 606.2 million
Mission:	Develop and test equipment and provide troop training	Est. CTC (Comp Year):	\$ 264.1 million (FY 2043)
HRS Score:	31.45 (Michaelsville Landfill); placed on NPL in October 1989 53.57 (Edgewood Area); placed on NPL in February 1990	IRP Sites (Final RIP/RC):	264 (FY2014)
IAG Status:	IAG signed in March 1990	MMRP Sites (Final RIP/RC):	27 (FY2017)
Contaminants:	VOCs, SVOCs, metals, PCBs, explosives, petroleum products, pesticides, radiation, CWM, UXO, potential biological warfare materiel, propellants	Five-Year Review Status:	Completed
		IRP/MMRP Status Table:	Refer to page C-6-95



Progress To Date

Studies have identified many areas of contamination at Aberdeen Proving Ground (PG), including chemical munitions and manufacturing waste sites. RCRA facility assessments identified 319 solid waste management units, which were combined into 13 study areas. Remedial investigations (RIs) identified high levels of organic contaminants in most study areas. Completed removal actions include removal of soil contaminated with metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, trichloroethylene (TCE), and DDT; removal of underground storage tanks; removal of unexploded ordnance; closure of Nike missile silos, an adam site vault, and pilot plant sumps; and cleanup of open dump sites. The potential risk to human health and the environment was significant enough for EPA to place two areas of Aberdeen PG on the NPL in 1989 and 1990. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Aberdeen PG for realignment. In FY95, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board. To ensure continuous monitoring and improvement, Aberdeen PG completed five-year review reports in FY99 and FY04.

Aberdeen PG has signed 26 Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Aberdeen PG for FY05 through FY08 is summarized below.

In FY05, Aberdeen PG awarded performance-based contracts (PBCs) for Bush River Study Areas Operable Units (OUs) 2 and 3, Edgewood Area Groundwater, and the Westwood Study Area. The installation also completed a ROD for Cluster 3 Bush River lead-contaminated soil. Additionally, Aberdeen PG completed draft feasibility studies (FSs) to evaluate cleanup alternatives for Bush River groundwater and land disposal units. The installation also completed the final RAD risk assessment, RI/FS, proposed plan (PP), and draft ROD for Westwood Study Area.

In FY06, Aberdeen PG completed four RODs. The installation determined that no further cleanup actions were necessary for 31 sites in the Other Aberdeen Areas. Aberdeen PG also completed construction of Carroll Island and Grace Quarters shoreline stabilization. Aberdeen PG also completed a removal action at the Hog Point Area A. Additionally, Aberdeen PG completed the final cleanup report for Carroll Island OU A Disposal Pits. The installation issued the final FS for Lauderick Creek Area Cluster 9 Groundwater, and completed waste and contaminated soil removal at five cleanup sites in the Westwood Study Area. Aberdeen PG awarded a PBC for the former G Street Salvage Yard, assessed the potential risks to human health at the Western Boundary Study Area OU 2, and completed a design for cleanup for five sediment sites in OAA. Under the MMRP, Aberdeen PG completed a historical record review.

In FY07, Aberdeen PG and EPA signed RODs for the J-Field Former White Phosphorus Pit and the Canal Creek G-Street Former Salvage Yard. The installation also completed three RODs: one for the Edgewood Groundwater Clusters 9 and 19; one for the Known Distance Range, Pistol Range, and 23 Other Aberdeen Area sites; and one for the Westwood Study Area's remaining sites. In Addition, Aberdeen PG completed a PP for Edgewood Groundwater Clusters 9 and 19. The installation also completed cleanup completion reports for the Lauderick Creek Cluster 5 Concrete Slab Test Site and the Carroll Island/Graces Quarters OU B. Aberdeen PG awarded a PBC for the Canal Creek Study Area. Under the MMRP, Aberdeen PG issued the final site inspection (SI) report and the final work plan for an expanded SI for the 5400 Block.

In FY08, Aberdeen PG completed a PP for two dump sites in the Aberdeen Area, revised monitoring plans for Michaelsville Landfill and the Western Boundary Study Area, and completed a draft RI for Western Boundary Study Area OUs 2 and 3. Aberdeen PG also signed a ROD for Canal Creek 10 sites and completed cleanup actions at the G-Street Soil OU, Canal Creek 13 Soil sites, and J-Field White Phosphorus Pits. Aberdeen PG awarded a PBC for O-Field OU 4 and completed cleanup of the Westwood WW90 Fill Area. In addition, the installation completed the excavation of contaminated soils at the Known Distance Range and Pistol Range. Aberdeen PG discovered two new MMRP sites in the Aberdeen Area.

FY09 IRP Progress

Aberdeen PG completed the ROD for three soil sites at the Canal Creek. Additionally, Aberdeen PG completed RIs for Wright Creek, Dove's Cove and Western Shore for the Other Edgewood Study Area. Aberdeen PG began an SI at the G-Street RAD site resulting in the complete removal of RAD markers in Canal Creek. The installation completed the final ROD for Old Dumps at Woodrest and Swan Creek.

Regulatory issues delayed the PPs and RODs for the Bush River and King's Creek and the ROD for the Shell Washout Wastewater Ditch Building 700B.

FY09 MMRP Progress

Aberdeen PG awarded the contract and began the RI. The installation completed the SI for two new MMRP sites.

Plan of Action

Plan of action items for Aberdeen Proving Ground are grouped below according to program category.

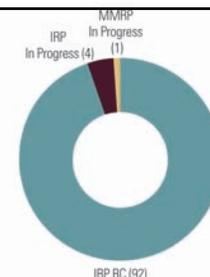
IRP

- Complete ROD for additional soil sites at the Canal Creek in FY10.
- Begin SI at newly discovered RAD site at G-Street in FY10.
- Complete PP and ROD for King's Creek, and PPs for the remaining Bush River soils in FY10.
- Complete RODs for Wright Creek, Dove's Cove, Western Shore, the Old O-Field area, and Boone Creek at the Other Edgewood Study Area in FY10-FY11.
- Complete removal action at the I-Field Munitions Dump in Other Edgewood Study Area in FY10-FY11.

MMRP

- Begin fieldwork for the RI at the Edgewood Area and award contract for the RI at the Aberdeen Area in FY10.

FFID:	AK017002432300	Funding to Date:	\$ 289.8 million
Location (Size):	Adak, Alaska (76,800 acres)	Est. CTC (Comp Year):	\$ 102.5 million (FY 2041)
Mission:	Provided services and materials to support aviation activities and operating forces of the Navy	IRP Sites (Final RIP/RC):	96 (FY2012)
HRS Score:	51.37; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	1 (FY2014)
IAG Status:	FFA signed in November 1993	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, PCBs, VOCs, petroleum products, SVOCs, explosives, UXO, propellants	IRP/MMRP Status Table:	Refer to page C-6-4
Media Affected:	Surface Water, Sediment, Groundwater, Soil		



Progress To Date

Beginning in the early 1940s, Adak Naval Air Facility (NAF) served as a key operations and supply location for U.S. military forces. A study identified 32 sites at the installation, including landfills, unexploded ordnance areas, and polychlorinated biphenyl (PCB) spill sites, which have contaminated groundwater, surface water, sediments, and soil. Twenty sites were recommended for further investigation. In addition, a RCRA facility assessment identified 76 solid waste management units (SWMUs), 73 of which are managed as CERCLA sites. DoD and EPA signed a federal facility agreement (FFA) in November 1993, outlining how they were going to proceed with cleanup. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In September 1995, the BRAC Commission recommended closure of Adak NAF. Operational Naval forces departed the island on April 1, 1997, and Engineering Field Activity Northwest assumed command functions. The installation closed in September 1997. The installation completed a community relations plan in FY90 and revised the plan in FY95, FY99, and FY03. In FY96, Adak NAF converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

The installation has signed Records of Decision (RODs), which selected cleanup actions for Operable Units (OUs) A and B1. Adak NAF also signed two No Further Action RODs, which determined that no further cleanup activities were necessary for SWMUs 4, 27, and several sites originally included in OU B. The installation also signed a Decision Document (DD), which selected cleanup actions for 10 of the 14 free-product petroleum sites at OU A. In FY04, Adak NAF transferred approximately 47,000 acres for private reuse. The installation completed environmental cleanup on an additional 24,300 acres, which were transferred to the Department of the Interior in FY04. In FY02, Adak NAF conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Adak NAF for FY05 through FY08 is summarized below.

In FY05, Adak NAF completed closure documentation for 19 petroleum release sites. The installation also completed post-closure care restoration work (vegetative cap maintenance) at two landfills. The installation completed feasibility studies (FSs) to evaluate cleanup alternatives at the four remaining sites. Adak NAF completed proposed plans (PPs) and began DDs for three of the remaining sites. The installation completed the focused FS, PP, and DD for the remaining petroleum sites.

In FY06, Adak NAF continued long-term management (LTM) at 29 CERCLA and petroleum release sites under the OU A ROD. The installation completed DDs and cleanup for three petroleum release sites and completed characterization at another site.

In FY07, Adak NAF continued LTM at 29 CERCLA and petroleum release sites under the OU A ROD. The installation also completed a conditional site closure at one petroleum release site, and continued free-product removal at three petroleum release sites. Under the MMRP, the installation resolved OU B1 ROD disputes.

In FY08, Adak NAF completed a second five-year review report. The installation also continued LTM at 29 CERCLA and petroleum release sites under the OU A ROD. Adak NAF continued free-product removal at three petroleum release sites and completed an FS for the remaining petroleum release site. Regarding MMRP sites, the installation completed fieldwork at Lake Jean (LJ) site 01 and the Munitions and Explosives of Concern Rifle-Grenade Range, and completed fieldwork for the remedial investigation (RI) and FS at OU B2. The State of Alaska granted conditional closure for 17 OU B1 sites.

FY09 IRP Progress

Adak NAF completed fieldwork for the main road pipeline decommissioning project. The installation also completed free-product removal at one petroleum release site and continued removal at the remaining two sites. The installation continued LTM and institutional control inspections, which minimize the potential for human exposure, at CERCLA and petroleum release sites. Adak NAF completed an FS for the Area 303 petroleum release site. The cost of completing

environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the completion of the PP and DD for Area 303. Regulatory issues also delayed completion of the partial delisting of 55 CERCLA sites from the NPL.

FY09 MMRP Progress

Adak NAF completed an RI and risk assessment at OU B2.

Regulatory issues delayed the FS at OU B2 and the partial delisting of 55 CERCLA sites from the NPL. Technical issues delayed cleanup at the three remaining OU B1 sites.

Plan of Action

Plan of action items for Adak Naval Air Facility are grouped below according to program category.

IRP

- Complete additional site characterization at the main road pipeline in FY10.
- Complete partial delisting of 55 CERCLA sites in FY10.
- Continue free-product removal at two petroleum sites in FY10.
- Complete PP and DD for the Area 303 petroleum release site in FY10.
- Continue LTM, institutional control inspections, and well abandonment at CERCLA and petroleum release sites in FY10.

MMRP

- Complete FS for OU B2 in FY10.
- Complete partial delisting of 55 CERCLA sites from the NPL in FY10.
- Complete cleanup at the three remaining OU B1 sites in FY10.

FFID:	GU917002755700	Funding to Date:	\$ 64.2 million
Location (Size):	Agana, Guam (1,809 acres)	Est. CTC (Comp Year):	\$ 6.1 million (FY 2009)
Mission:	Provided services and material support for transition of aircraft and tenant commands	IRP Sites (Final RIP/RC):	39 (FY2009)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Asbestos, paints, solvents, liquids and sludges, heavy metals, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-8-17
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

In July 1993, the BRAC Commission recommended closure of Agana Naval Air Station (NAS). The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup at Agana NAS. The installation was closed on March 31, 1995. In FY92 the installation published a community relations plan, and established three information repositories. In FY93 the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community.

To date, Agana NAS has found three parcels suitable to lease, along with an interim lease and a joint use agreement with the Guam International Airport Authority (GIAA). In addition, five parcels of the installation, totaling 1,179 acres, have been transferred to the Government of Guam and GIAA. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Agana NAS for FY05 through FY08 is summarized below.

In FY05, Agana NAS completed a study at Site 1 and began an evaluation with regulators to determine landfill monitoring network design. The installation also completed proposed plans (PPs) and recommended cleanup actions for Sites 1 and 38, and 28 Operable Unit 2 sites. Additionally, the installation completed construction of the monitoring well and two rounds of sampling at Site 37. The installation completed the site inspection (SI) fieldwork sampling and analysis to determine further response actions required at Building 15-46A. Three public meetings and two BRAC cleanup team meetings were held. The BRAC cleanup team performed a review of the PPs; EPA and Guam EPA attended the public meetings and provided cooperative regulator support.

In FY06, Agana NAS completed monitoring of the well network installation at Site 1. The installation completed polychlorinated biphenyl (PCB) cleanup at Agana Power Plant Site 37 and included these actions in the remedial investigation (RI) report. Agana NAS completed fish monitoring at the Agana Swamp, and determined that further cleanup action was needed at Building 15-46A. The installation held one RAB and one BRAC cleanup team meeting.

In FY07, Agana NAS completed maintenance and inspection activities at Site 1. The installation also completed one round of fish tissue sampling at the Agana Swamp in association with the Agana Power Plant, a focused feasibility study to evaluate cleanup alternatives, the RI report, and a PP to present land use controls (LUCs), which restrict use or access to Site 35. The installation completed the final SI report and began the removal of the sewer pipeline and sludge at Site 39. Agana NAS held one public meeting for Site 35, three RAB meetings, and two BRAC cleanup team meetings.

In FY08, Agana NAS completed the post-removal action maintenance and monitoring plan, maintenance inspection activities, documentation, and abandonment work at Site 1. The installation also completed pipeline removal at Site 39. Agana NAS held one open house for Site 35, three RAB meetings, and three BRAC cleanup team meetings.

FY09 IRP Progress

Agana NAS completed Decision Documents (DDs), which documented the selected remedy by establishing LUCs at 14 sites. The installation also completed no further action DDs for 16 sites. The installation also began long-term management (LTM) at Site 1. This is the last narrative for this installation, as cleanup is complete at all sites.

Regulatory issues delayed the LUC work plan for Site 38.

FY09 MMRP Progress

Agana NAS has identified no MMRP sites.

Plan of Action

Plan of action items for Agana Naval Air Station are grouped below according to program category.

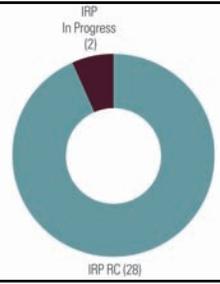
IRP

- Continue LTM at Site 1 in FY10.
- Complete LUC work plan for Site 38 in FY10.
- Determine whether Site 35 is suitable for transfer in FY10.
- Complete removal completion report for Site 39 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX657172460500	Funding to Date:	\$ 70.3 million
Location (Size):	Fort Worth, Texas (706 acres)	Est. CTC (Comp Year):	\$ 14.8 million (FY 2018)
Mission:	Manufacture aircraft (F-16, partial F-22, and the F-35 Joint Strike Fighter) and associated equipment; testing electronics	IRP Sites (Final RIP/RC):	30 (FY2006)
HRS Score:	39.92; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in August 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Waste oils and fuels, heavy metals, VOCs, cyanide, DNAPL, TCE, PCBs, paint residues, spent process chemicals, solvents	IRP/MMRP Status Table:	Refer to page C-6-160
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Air Force Plant No. 4 (AFP 4) has been a primary manufacturing plant for military aircraft and related equipment since 1942. The installation is adjacent to, and shares an airfield with Fort Worth Joint Reserve Base Naval Air Station (former Carswell Air Force Base [AFB]). Studies have confirmed trichloroethylene (TCE) contamination in the surface water, soil, and in groundwater underneath six spill sites and four landfills (LFs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in August 1990 to outline how they were going to proceed with cleanup. In FY95, AFP 4 converted its technical review committee, responsible for communicating cleanup progress with community, into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

To date, AFP 4 has signed Records of Decision (RODs), which select cleanup actions at all sites. In FY05, AFP 4 conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at AFP 4 for FY05 through FY08 is summarized below.

In FY05, the installation conducted operation and maintenance (O&M) and long-term monitoring of treatment systems. The installation completed fieldwork near the creek, LFs, and Lake Worth, and submitted the final focused feasibility study, which evaluated cleanup alternatives, to regulators. The installation also partnered with the North Central Texas Council of Governments for Lake Worth restoration, and hosted a site tour with the Texas Commission on Environmental Quality.

In FY06, AFP 4 continued O&M and long-term monitoring of treatment systems. EPA inspected the treatment systems and approved the final interim cleanup action completion report. The installation worked to decrease treatment system costs and held discussions concerning optional discharge of treated water. The installation also completed the preliminary closeout report necessary for transfer of the Carswell Golf Course parcel by the Air Force Real Property Agency. AFP 4 and the Texas

Commission on Environmental Quality held a public meeting to discuss the implementation plan for Lake Worth.

In FY07, the installation continued O&M and long-term monitoring of treatment systems. AFP 4 started the implementation plan for Lake Worth, which included additional street sweepings to remove residual low-level polychlorinated biphenyls (PCBs). The installation continued sampling and testing of fish in Lake Worth for PCBs. Additionally, the installation completed and signed the explanation of significant differences for the East Parking Lot Groundwater Plume ROD and received EPA Region 6 concurrence. AFP 4 began an MMRP preliminary assessment (PA). The RAB held two meetings.

In FY08, AFP 4 continued O&M and long-term monitoring of treatment systems. The installation completed pilot treatment of highly contaminated areas at Building 181, Chrome Pit 3, LF 3, and LF 3 Seep to address high-level volatile organic compounds (VOCs). The installation inspected land use controls (LUCs) on former Carswell AFB BRAC property, which restrict use of and access to the site. AFP 4 completed the MMRP PA. The RAB conducted a meeting and site visit.

FY09 IRP Progress

AFP 4 completed its second five-year review report. The installation continued operating cleanup systems and inspection of LUCs on former Carswell AFB BRAC property. AFP 4 also implemented a cleanup optimization process to include long-term monitoring. Additionally, the installation completed studies of fish in Lake Worth. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The installation conducted two RAB meetings, including a site tour of cleanup systems and the industrial facility.

FY09 MMRP Progress

AFP 4 completed a second inspection of the Gun Butt and determined that it is eligible for the cleanup program. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Air Force Plant No. 4 are grouped below according to program category.

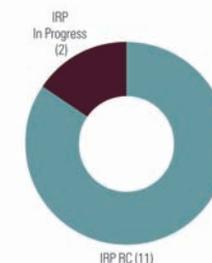
IRP

- Complete cleanup optimization process in FY10.
- Finalize explanation of significant differences with the ROD in FY10.
- Continue RAB meetings as necessary in FY10.
- Address EPA comments on five-year review report in FY10.
- Address vapor intrusion request on former Carswell AFB BRAC property in FY10.

MMRP

- Remove the Gun Butt in FY10.

FFID:	AZ957172462900	Funding to Date:	\$ 87.5 million
Location (Size):	Tucson, Arizona (2,174 acres)	Est. CTC (Comp Year):	\$ 40.7 million (FY 2030)
Mission:	Research, design, and manufacture of missiles	IRP Sites (Final RIP/RC):	13 (FY2010)
HRS Score:	57.86; placed on NPL in September 1983	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA negotiations underway	Five-Year Review Status:	Completed
Contaminants:	Paint sludges, paint thinners, heavy metals, solvents, machine coolants, machine lubricants, TCE, VOCs	IRP/MMRP Status Table:	Refer to page C-6-12
Media Affected:	Groundwater		



Progress To Date

Air Force Plant No. 44 (AFP 44), located adjacent to Tucson International Airport (IAP), began operations in 1951 to manufacture Falcon air-to-air missiles, and has supported several other missile systems. Contaminants identified at AFP 44 include solvents, machine coolants and lubricants, paint sludges and thinners, and heavy metals. The installation is part of the Tucson IAP Area, which EPA placed on the NPL in September 1983 due to the potential significant risk to human health and the environment. A federal facility agreement (FFA) between DoD and EPA, to outline how they are going to proceed with cleanup, is currently under negotiation. In FY95, the installation converted its Restoration Advisory Board (RAB), responsible for communicating cleanup progress with the community, into a Unified Community Advisory Board. In FY04, AFP 44 updated and finalized the community relations plan. To ensure continuous monitoring and improvement, AFP 44 completed a five-year review report for six soil sites in FY04.

To date, the installation has signed Records of Decision (RODs) for three soil vapor extraction sites, three soil excavation sites, and one groundwater cleanup site. The RODs selected cleanup actions for these sites. The installation also signed a ROD requiring no further cleanup action for four sites. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at AFP 44 for FY05 through FY08 is summarized below.

In FY05, AFP 44 completed the Site 3 permanganate injection, an oxidant that converts trichloroethylene (TCE) into carbon dioxide. Future monitoring results will determine the effectiveness of the injections. The installation conducted soil gas monitoring for Sites 3 and 5; the results indicated that most of the wells do not contain contaminants. AFP 44 continued operation and maintenance (O&M) of the groundwater cleanup system.

In FY06, AFP 44 submitted closure documents for Sites 3 and 5, and addressed comments from EPA Region 9 and the Arizona Department of Environmental Quality. AFP 44 reinjected more permanganate at Sites 2 and 3 because of the rebound of TCE concentrations in the monitoring wells. The

installation used soybean oil and lactic acid to clean up the chromium and TCE source areas that migrated from Solid Waste Management Unit D, the former chromium plating area in Building 801. The installation continued O&M of the groundwater cleanup system.

In FY07, AFP 44 revised closure reports for Sites 3 and 5 based on the new Arizona cleanup level. The installation reduced the mass of the contaminated source areas for Sites 2 and 3 and completed the soil cleanup under Building 801. The installation continued O&M of the groundwater cleanup system.

In FY08, AFP 44 conducted a focused remedial investigation (RI) and optimized the cleanup process to evaluate the extent of 1,4-dioxane contamination for both AFP 44 and other potential Tucson IAP Area source areas and to evaluate cleanup systems for the Shallow Groundwater Zone. The installation found that 1,4-dioxane concentrations are decreasing at Sites 2 and 3. AFP 44 also issued an explanation of significant differences to the 1985 ROD to install an advanced oxidation process system that destroys 1,4-dioxane and TCE. The installation updated the cleanup levels to maximum contaminant level. AFP 44 completed the final permanganate injections for Sites 2 and 3 source areas. The installation evaluated the site concentrations beneath the surface and determined that sites could be closed without land use controls that restrict use of access to the site. AFP 44 completed a preliminary assessment (PA) of all MMRP sites. The installation identified and began evaluations on a small pistol range.

FY09 IRP Progress

EPA rescinded the Safe Drinking Water Act Administrative Order after AFP 44 installed the advanced oxidation process system and demonstrated that this system was operating successfully. The installation also completed and submitted the draft FFA to EPA Region 9 and the Arizona Department of Environmental Quality. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Work on the focused RI and cleanup process optimization projects continued, however regulatory issues delayed their completion.

FY09 MMRP Progress

AFP 44 completed a PA at two small pistol ranges. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Administrative issues delayed the limited field investigation at the small pistol range.

Plan of Action

Plan of action items for Air Force Plant No. 44 are grouped below according to program category.

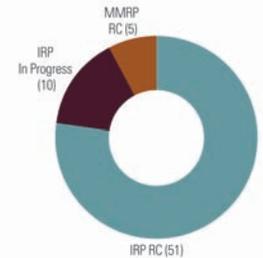
IRP

- Complete RI of 1,4 dioxane in FY10.
- Complete the cleanup process optimization and determine cleanup actions for the Shallow Groundwater Zone in FY10.
- Complete FFA in FY10.
- Close Sites 1, 2, and 3 in FY10.
- Complete focused RI in FY10.

MMRP

- Begin the site inspection for two new sites in FY10.

FFID:	CO857172553700	Funding to Date:	\$ 43.8 million
Location (Size):	Waterton, Colorado (464 acres)	Est. CTC (Comp Year):	\$ 20.3 million (FY 2020)
Mission:	Research, develop, and assemble missiles and missile components; test engines	IRP Sites (Final RIP/RC):	61 (FY2011)
HRS Score:	42.93; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	5 (FY2005)
IAG Status:	None	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	PCBs, PAHs, BTEX, chlorinated organic solvents, VOCs, SVOCs, metals, n-nitrosodimethylamine, pesticides	IRP/MMRP Status Table:	Refer to page C-6-47
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Former Air Force Plant (AFP) PJKS supported the military by researching, developing, and assembling missiles, missile components, and engines. Past operations contaminated groundwater beneath the installation with trichloroethylene (TCE), TCE degradation products (dichloroethene and vinyl chloride), and n-nitrosodimethylamine (NDMA), and soil with polychlorinated biphenyls (PCBs) and polyaromatic hydrocarbons (PAHs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. In FY01, Lockheed Martin Corporation, the operator of the facility, purchased AFP PJKS. In FY96, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community.

To date, AFP PJKS has identified Installation Restoration Program (IRP) sites, which are grouped into six operable units. The installation has removed 12 of 14 underground storage tanks and closed two sites. In FY03, regulators determined no further cleanup action necessary for 12 sites. In FY05, AFP PJKS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at AFP PJKS from FY05 through FY08 is summarized below.

In FY05, the installation conducted two rounds of groundwater monitoring and submitted the report, completed the groundwater study, and prepared an engineering evaluation and cost analysis to convert the successful bedrock pilot study into an interim corrective measure. Regulators approved the combined soils investigation report. As part of this report, AFP PJKS received regulatory approval for no further cleanup action at 13 sites, as did the combined soils interim corrective measure study and implementation work plan. The installation prepared a work plan detailing additional activities to be conducted as part of the bedrock pilot study. Regulators also approved the D 1 Landfill Area interim measure work plan. AFP PJKS conducted a study to evaluate NDMA distribution using an experimental analytical method with a lower detection limit than the currently accepted method. The installation held quarterly RAB meetings.

In FY06, AFP PJKS conducted two rounds of groundwater monitoring and submitted the report. The installation also completed the combined soils interim corrective measure study report. AFP PJKS completed implementation of the combined soils interim corrective measures, which resulted in the closure of seven sites. The installation conducted additional pilot study cleanup activities to reduce TCE concentrations. Additionally, the installation implemented two interim corrective measures to address groundwater source areas. AFP PJKS held quarterly RAB meetings.

In FY07, AFP PJKS conducted two rounds of groundwater monitoring and submitted the report, which included an updated planning process. Additionally, the installation collected quarterly performance monitoring data on the two groundwater interim corrective measures. AFP PJKS installed interim corrective measures for two of the remaining source areas and also selected interim corrective measures for the five remaining source areas.

In FY08, AFP PJKS conducted two rounds of groundwater monitoring and submitted the report. AFP PJKS also installed interim corrective measures in the remaining five groundwater source areas. The installation continued the feasibility study (FS) work plan to evaluate cleanup alternatives. AFP PJKS held regular RAB meetings.

FY09 IRP Progress

AFP PJKS successfully completed the D 1 Landfill Area interim measure, which resulted in the closure of two sites. The installation also continued to operate the interim corrective measures in the seven bedrock groundwater source areas. AFP PJKS conducted two rounds of groundwater monitoring and submitted the report. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the FS.

The installation held regular RAB meetings.

FY09 MMRP Progress

AFP PJKS conducted no MMRP actions.

Plan of Action

Plan of action items for Air Force Plant PJKS are grouped below according to program category.

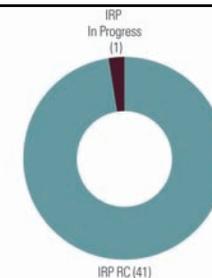
IRP

- Complete FS in FY10.
- Continue to operate groundwater cleanup systems and collect performance data in FY10.
- Continue groundwater monitoring in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AL421382000800	Funding to Date:	\$ 62.9 million
Location (Size):	Childersburg, Alabama (2,235 acres)	Est. CTC (Comp Year):	\$ 5.3 million (FY 2041)
Mission:	Manufactured explosives	IRP Sites (Final RIP/RC):	42 (FY2012)
HRS Score:	36.83; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in December 1989	Five-Year Review Status:	Planned
Contaminants:	Nitroaromatic compounds, heavy metals, munitions-related wastes, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-7-1
Media Affected:	Groundwater		



Progress To Date

The mission of Alabama Army Ammunition Plant (AAP) was to manufacture explosives. Studies conducted at Alabama AAP since FY83 identified various sites as potential sources of contamination. Prominent site types include: a former ammunition production and burning ground for explosives; industrial wastewater conveyance systems, ditches, and a red water storage basin; landfills; underground storage tanks; polychlorinated biphenyl (PCB)-containing transformers; and a former coke oven. The groundwater, surface water, sediment, and soil are contaminated with nitroaromatic compounds, heavy metals, and explosives waste. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in December 1989 to outline how they were going to proceed with cleanup. In FY94, Alabama AAP formed a BRAC cleanup team to develop a process for site cleanup. During FY95, the installation attempted to establish a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, but received no applications for RAB membership. To ensure continuous monitoring and improvement, Alabama AAP signed five-year review reports in FY02 and FY08.

To date, Alabama AAP has signed three Records of Decision (RODs). The installation closed 35 groundwater monitoring wells in FY99. In FY03, Alabama AAP completed the early transfer of property to the City of Childersburg. Also in FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Alabama AAP for FY05 through FY08 is summarized below.

In FY05, the installation completed the draft proposed plan (PP) for soils.

In FY06, Alabama AAP completed a work plan addendum for additional groundwater sampling.

In FY07, Alabama AAP received final approval letters from EPA on the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives for Area B Soils. Due to Alabama Department of Environmental Management concerns of the

possibility of semi-volatile organic compounds (SVOCs) and volatile organic compounds (VOC) contaminants, the installation provided additional information on the RI sampling data. Alabama AAP also conducted groundwater sampling at the installation and in nearby off-site potable wells. The installation conducted meetings to discuss groundwater progress with regulators.

In FY08, Alabama AAP prepared a five-year review report, which EPA signed. The installation also conducted additional sampling to address the Alabama Department of Environment Management's concerns relating to SVOCs and VOCs at the South Georgia Road Dump. The installation also updated the FS and PP for Area B Soils, Sediment, and Surface Water to include the sampling results at the South Georgia Road Dump. Additionally, Alabama AAP provided a detailed groundwater sampling plan for EPA and the Alabama Department of Environmental Management to review. Alabama AAP held a public meeting to address the PP for Area B Soils, Sediment, and Surface Water.

FY09 IRP Progress

Alabama AAP prepared the ROD for Area B Soils, Sediment, and Surface Water. The installation also finalized the RI for groundwater. In addition, Alabama AAP completed a round of groundwater monitoring. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

Regulatory issues delayed the completion of the ROD for Area B Soils, Sediment, and Surface Water, and completion of the FS for groundwater.

FY09 MMRP Progress

Alabama AAP has identified no MMRP sites.

Plan of Action

Plan of action items for Alabama Army Ammunition Plant are grouped below according to program category.

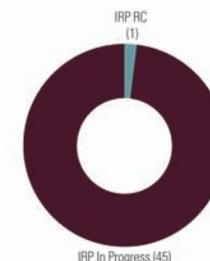
IRP

- Complete the ROD for Area B Soils, Sediment, and Surface Water in FY10.
- Begin the FS for Area B Groundwater in FY10.
- Begin the PP and ROD for Area B Groundwater in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917002323600	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Alameda, California (2,675 acres)	Funding to Date:	\$ 400.8 million
Mission:	Maintained and operated facilities and provided services for naval aviation activities and operating forces	Est. CTC (Comp Year):	\$ 136.9 million (FY 2019)
HRS Score:	50.0; placed on NPL in July 1999	IRP Sites (Final RIP/RC):	46 (FY2018)
IAG Status:	FFA signed in FY01	MMRP Sites (Final RIP/RC):	None
Contaminants:	BTEX, chlorinated solvents, radium, heavy metals, herbicides, pesticides, petroleum hydrocarbons, PAHs, PCBs, VOCs, SVOCs, explosives, propellants	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-6-20



Progress To Date

Prominent site types at Alameda Naval Air Station (NAS) include landfills, offshore sediment areas, plating and cleaning shops, pesticide control areas, a radium dial paint shop, transformer storage areas, and a former oil refinery. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1999. In FY01, DoD and EPA signed a federal facility agreement (FFA) outlining how they were going to proceed with cleanup. In September 1993, the BRAC Commission recommended closure of Alameda NAS and the installation closed in 1997. The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup of sites. Alameda NAS completed a BRAC cleanup plan prioritizing sites for cleanup in FY94. In addition, the installation approved a community land reuse plan in FY96. In FY98, the installation received funding for technical assistance for public participation to help with the Operable Unit (OU) 1 remedial investigation (RI) review, the first technical assistance for public participation grant in the United States. The installation received additional technical assistance for public participation funding in FY03 and FY04. In FY03, the installation formed a Restoration Advisory Board (RAB) responsible for communicating cleanup progress with the community. In FY03 and FY09, Alameda NAS updated its community relations plan.

Alameda NAS completed 15 Records of Decision (RODs) which selected cleanup actions for Marsh Crust, Sites 1, 14, 15, 17, 20, 25, 26, 27, 28, 29, 30, and 31; and OUs 1 and 5. Cleanup progress at Alameda NAS for FY05 through FY08 is summarized below.

In FY05, Alameda NAS signed a No Further Action ROD at Site 29 (Skeet Range), which determined that no further cleanup activities were necessary. The installation conducted a removal action at Site 30 to address a potential risk caused by polyaromatic hydrocarbons (PAHs) in the soil. Additionally, the installation used innovative technology to complete a removal action on a portion of Site 5. The base removed a subsurface vault and tank containing petroleum hydrocarbons from the Least Tern Area. The installation also completed the RI and feasibility study (FS) to evaluate cleanup alternatives for OU 1 (Sites 6, 7, 8, and 16); completed a removal action at Site 16 and one area at Site 5; and completed FSs for OUs 4B (Site

17) and 6 (Site 28). The RAB held 12 meetings, reviewed environmental documents, and conducted a tour of the northwestern area. The BRAC cleanup team met monthly to discuss documents and strategies for site closure.

In FY06, Alameda NAS signed RODs for Sites 15 and 26. The installation also completed the proposed plan (PP) for OU 1 (Sites 6, 7, 8, and 16), and RIs for Sites 20 and 24. The RAB held 11 meetings, applied for a technical assistance for public participation grant, reviewed environmental documents, and conducted a RAB tour of two sites with active cleanup activities. The BRAC cleanup team met monthly to discuss documents and strategies for site closure.

In FY07, Alameda NAS completed RODs for Sites 14, 17, 25, and 28, and OUs 1 (Sites 6, 7, 8, and 16) and 5. The installation completed PPs for Sites 1 and 27. Alameda NAS continued the removal action at Site 5 to address chlorinated solvents in groundwater. The installation began time-critical removal actions at Sites 1, 2, and 32 to address lead and radiologically-impacted soil.

In FY08, Alameda NAS completed RODs for Sites 20, 27, and 31. The installation began cleanup at Sites 14, 26, and OU 5/Installation Restoration (IR) site 02, and completed FSs for Sites 2, 24, and 32. The installation found Public Benefit Conveyance 1 to be suitable to transfer. The RAB conducted two tours of the installation and held monthly meetings. The BRAC cleanup team also met monthly.

FY09 IRP Progress

Alameda NAS completed RODs for Sites 1 and 30. The installation also completed removal actions for drain lines at Sites 5 and 10. The installation began cleanup at Sites 28 and OU 1. Alameda NAS completed PPs for Sites 2 and 22 and finalized land use control designs for cleanup at Sites 25 and 26, which restrict use or access to the sites. The installation finished the design for cleanup actions and began cleanup at Site 27. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the completion of the Site 35 ROD, and delayed the design for cleanup at Site 1 and cleanup actions at Site 28 and OU 1. Technical issues delayed the

completion of cleanup and removal actions at Site 17 and OU 2C.

The installation updated the community relations plan. The BRAC cleanup team met monthly to discuss further strategies for site closure, and the RAB held 11 meetings.

FY09 MMRP Progress

Alameda NAS has identified no MMRP sites.

Plan of Action

Plan of action items for Alameda Naval Air Station are grouped below according to program category.

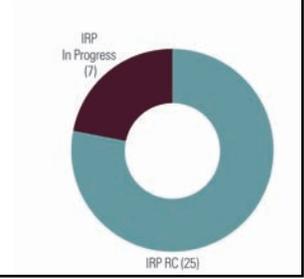
IRP

- Install and launch cleanup systems at OU 1 in FY10-FY11.
- Update RI/FS for Site 32 in FY10-FY11.
- Conduct radiological surveys for the base in FY10-FY11.
- Complete RODs for Sites 2, 24, and 35 in FY10-FY11.
- Complete FSs and PPs for OUs 2A and 2B in FY10-FY11.
- Complete design and begin cleanup activities at Sites 1, 17, and 28; and OU 2C in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	GA417302369400	Media Affected:	Groundwater, Sediment, Soil
Location (Size):	Albany, Georgia (3,579 acres)	Funding to Date:	\$ 43.5 million
Mission:	Acquire, supply, and dispose of materials needed to sustain combat readiness of Marine Corps forces worldwide; acquire, maintain, repair, rebuild, distribute, and store supplies and equipment; conduct training	Est. CTC (Comp Year):	\$ 8.4 million (FY 2040)
HRS Score:	44.65; placed on NPL in December 1989	IRP Sites (Final RIP/RC):	32 (FY2008)
IAG Status:	FFA signed in July 1991	MMRP Sites (Final RIP/RC):	None
Contaminants:	VOCs, PCBs, heavy metals, pesticides, PAHs, SVOCs, TCE	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-20



Progress To Date

The Albany Marine Corps Logistics Base (MCLB) is used to acquire, supply, and dispose of materials needed to sustain combat readiness of Marine forces worldwide. The sites at the installation are grouped into six operable units (OUs), including groundwater throughout the base (OU 6) and a site-screening group. Sites include disposal areas, storage areas, and landfills. Contaminants include trichloroethylene (TCE), polychlorinated biphenyls (PCBs), and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1989. DoD and EPA signed a federal facility agreement (FFA) in July 1991 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Albany MCLB for realignment. The installation formed a technical review committee in FY89. In FY92, Albany MCLB completed a community relations plan. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

To date, Albany MCLB has signed a No Further Action Record of Decision (ROD) for OU 2, which determined no further cleanup activities were necessary at the OU 2 site. The installation has also signed RODs, selecting cleanup actions for OUs 1, 3, 4, 5, and 6. In addition, the installation has signed an interim ROD at Solid Waste Management Unit (SWMU) 3. In FY02, Albany MCLB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Albany MCLB for FY05 through FY08 is summarized below.

In FY05, Albany MCLB implemented the groundwater cleanup systems. The installation completed cleanup at the two SWMUs and completed an explanation of significant differences for the OU 6 ROD. Additionally, the installation completed the design for cleanup of source areas and awarded the contract for the construction of the landfill cap.

In FY06, Albany MCLB completed injections into the groundwater and performed two rounds of monitoring to determine the effectiveness of the treatments. The installation completed a five-year review report that determined all selected

cleanup actions remained in place and were protective. The installation started construction of the landfill cap.

In FY07, Albany MCLB monitored the effectiveness of the groundwater treatments and continued to monitor cleanup using natural processes.

In FY08, Albany MCLB performed an optimization review of the groundwater monitoring program. The installation continued to monitor cleanup using natural processes.

FY09 IRP Progress

Albany MCLB continued to monitor cleanup using natural processes.

Contractual issues delayed construction of the landfill cap. Regulatory issues delayed the optimization review.

FY09 MMRP Progress

Albany MCLB has identified no MMRP sites.

Plan of Action

Plan of action items for Albany Marine Corps Logistics Base are grouped below according to program category.

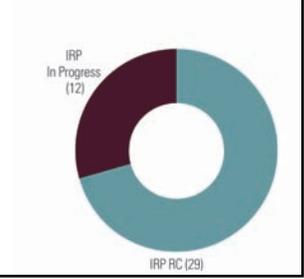
IRP

- Continue cleanup using natural processes in FY10.
- Complete construction of the landfill cap in FY10.
- Complete optimization review and implement recommendations in FY10.
- Update the community relations plan in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WV317002369100	Funding to Date:	\$ 37.5 million
Location (Size):	Mineral County, West Virginia (1,628 acres)	Est. CTC (Comp Year):	\$ 38.3 million (FY 2038)
Mission:	Research, develop, and produce solid propellant rocket motors for DoD and NASA	IRP Sites (Final RIP/RC):	41 (FY2016)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in January 1998	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, RDX, HMX, perchlorate, silver, SVOCs, explosives, propellants, metals	IRP/MMRP Status Table:	Refer to page C-6-182
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Allegany Ballistics Laboratory was used for research, development, and production of solid propellant rocket motors for DoD and NASA. Contaminants found at the installation included volatile organic chemicals (VOCs), RDX, HMX, perchlorate, and silver. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in January 1998 to outline how they were going to proceed with cleanup. In FY94, the installation established an administrative record and two information repositories. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY99, the installation issued a draft community relations plan. To ensure continuous monitoring and improvement, the installation completed a five-year review report for Sites 1, 5, and 10 in FY08.

Previous studies identified environmental restoration sites at this government-owned, contractor-operated installation. A confirmation study recommended further investigation at eight sites. A later study identified 119 solid waste management units (SWMUs) and 12 areas of concern, with 61 SWMUs recommended for further cleanup action. The installation has signed Records of Decision (RODs), which selected cleanup actions for Sites 1 (groundwater), 5, and 10. In addition, the installation has signed a No Further Action ROD, which determined that no further cleanup activities were necessary at Sites 2, 3, 4B, and 7. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Allegany Ballistics Laboratory for FY05 through FY08 is summarized below.

In FY05, Allegany Ballistics Laboratory completed sampling at Site 1 Soils, and began the remedial investigation (RI) and associated assessment of potential risks to human health and the environment. The installation completed RIs and feasibility studies (FSs) to evaluate cleanup alternatives for Sites 2 and 5. The installation also finalized the cleanup plan for Site 3; completed a soil removal action at Site 12; and signed a ROD for Site 10 (groundwater).

In FY06, Allegany Ballistics Laboratory completed an optimization study of the groundwater cleanup system serving Sites 1 and 5. The installation also finalized the RI for Site 1 Soils, and sub-divided the site into four separate areas. The installation signed a ROD and constructed a barrier wall to filter groundwater at the Site 5 landfill.

In FY07, Allegany Ballistics Laboratory completed the RODs for Site 3 and Site 10 Soils.

In FY08, Allegany Ballistics Laboratory completed a debris characterization and removal investigation at Site 1. The installation also completed the assessment of potential risks to the environment from surface water and sediment at Site 1. Additionally, the installation completed RODs for Sites 2 and 4B. Allegany Ballistics Laboratory completed an RI for Site 12.

FY09 IRP Progress

Allegany Ballistics Laboratory completed an FS for Sites 11 and 12. The installation also completed a successful pilot study at SWMU 27A, which is likely to serve as the final remedy for the site, and completed a soil removal at SWMU 37W to close the site. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the completion of an FS for Site 1 Soils.

FY09 MMRP Progress

Allegany Ballistics Laboratory has identified no MMRP sites.

Plan of Action

Plan of action items for Allegany Ballistics Laboratory are grouped below according to program category.

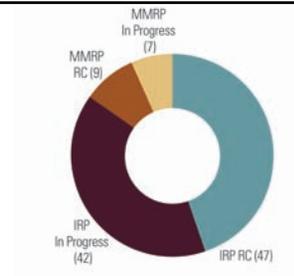
IRP

- Complete FS for Site 1 Soils in FY10.
- Conduct RI/FS at SWMU 27A in FY10-FY11.
- Begin design for cleanup at Site 1 Soils in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	GU957309951900	Funding to Date:	\$ 123.1 million
Location (Size):	Yigo, Guam (15,000 acres)	Est. CTC (Comp Year):	\$ 113.6 million (FY 2014)
Mission:	Provide troops, equipment, and facilities in the Pacific	IRP Sites (Final RIP/RC):	89 (FY2014)
HRS Score:	50.00; placed on NPL in October 1992	MMRP Sites (Final RIP/RC):	16 (FY2014)
IAG Status:	FFA signed in March 1993	Five-Year Review Status:	Completed and planned
Contaminants:	Metals, pesticides, PAHs, PCBs, VOCs, SVOCs, radioactive materials, phenols, BTEX	IRP/MMRP Status Table:	Refer to page C-6-66
Media Affected:	Groundwater and Soil		



Progress To Date

The mission of Andersen Air Force Base (AFB) is to provide troops, equipment, and facilities in the Pacific. Preliminary assessments (PAs) have identified landfills (LFs), waste pits (WPs), fire training areas (FTAs), hazardous waste storage areas (HWSAs), and spill sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in March 1993 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Andersen AFB for realignment. In 1995, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, Andersen AFB completed a five-year review report in FY04.

Sites identified at Andersen AFB are grouped into six operable units (OUs). To date, the installation has signed Records of Decision (RODs) for the Marianas Bonins OU, the Urunao OU, and LFs 8 and 13; the RODs selected cleanup actions for these sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Andersen AFB for FY05 through FY08 is summarized below.

In FY05, the installation converted 33 areas of concern (AOCs) (the northeast sites) into Installation Restoration Program (IRP) sites. Andersen AFB completed the cleanup system design for the Urunao Dump Site (DS). The installation also signed a ROD requiring no further cleanup action at the Harmon OU. The installation continued groundwater monitoring at the Main Base and Marianas Bonins OUs. Under the MMRP, the installation began the PAs for all sites.

In FY06, Andersen AFB completed the interim cleanup actions and cleanup verification report for the Ritidian DS. The installation also completed the interim cleanup actions at LF 14 and started the interim cleanup actions at LFs 19 and 20. Andersen AFB completed a remedial investigation (RI) and feasibility study (FS), which evaluated cleanup alternatives for former AOC Disposal Areas (DAs) 52, 53, 54, and FTA 2. Andersen AFB also finalized the PA and site inspection (SI) for

33 former AOCs, and added 2 solid waste management units to the IRP inventory. The installation awarded funding for the construction of cleanup systems at the Urunao DSs. Under the MMRP, the installation developed a relative priority for cleanup at each site.

In FY07, Andersen AFB signed four RODs and submitted two other RODs for signature. The installation also developed an exit strategy for the FTA 2 soil vapor extraction cleanup system. Under the MMRP, Andersen AFB completed a PA.

In FY08, Andersen AFB submitted the RI/FS for WPs 1 and 2 to regulators. The installation also signed RODs for LFs 8 and 13. Additionally, Andersen AFB began RI/FSs and proposed plans for Main Base LFs 14 and 18; WP 3; FTA 2; HWSA 1; operations support buildings Site 1, 2, and 3; and Building 18006. The installation executed cleanup actions at the Urunao DS and began the second five-year review report for the Marianas Bonins OU. Under the MMRP, Andersen AFB began SIs at all identified sites.

FY09 IRP Progress

Andersen AFB installed cleanup systems at Urunao DSs 1 and 2. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the signing of RODs for LFs 14 and 18; WP 3; FTA 2; HWSA 1; operations support buildings Site 1, 2, and 3; and Building 18006. Regulatory issues also delayed the completion of the RI/FS for FTA 3 and LF 19 and the second five-year review report of the Marianas Bonins OU ROD.

FY09 MMRP Progress

Administrative issues delayed completion of the SIs.

Plan of Action

Plan of action items for Andersen Air Force Base are grouped below according to program category.

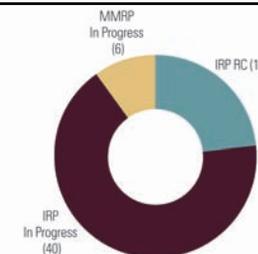
IRP

- Begin RI/FS for AOC 81, FTA 3, Building 18006, and LF 19 in FY10.
- Conduct long-term management at LF 2, 8, 10, and 17; WPs 1 and 7; and FTA 2 in FY10.
- Complete cleanup completion report for Urunao DSs 1 and 2 in FY10.
- Conduct groundwater sampling rounds 28 and 29 in FY10.
- Complete second five-year review report for Marianas Bonins OU in FY10.
- Finalize ROD for LFs 14 and 18; WP 3; FTA 2; HWSA 1; Building 18006; and operations support buildings Site 1, 2, and 3 in FY10.
- Transfer environmental restoration responsibilities to Navy Base Guam in FY10.

MMRP

- Complete SIs in FY10.

FFID:	MD357182400000	Funding to Date:	\$ 81.5 million
Location (Size):	Camp Springs, Maryland (4,300 acres)	Est. CTC (Comp Year):	\$ 44.8 million (FY 2016)
Mission:	Provide Presidential airlift support	IRP Sites (Final RIP/RC):	54 (FY2011)
HRS Score:	50.00; placed on NPL in June 1999	MMRP Sites (Final RIP/RC):	6 (FY2014)
IAG Status:	FFA under negotiation	Five-Year Review Status:	Planned
Contaminants:	SVOCs, VOCs, PAHs, PCBs, pesticides, metals, explosives, propellants, BTEX	IRP/MMRP Status Table:	Refer to page C-6-97
Media Affected:	Surface Water, Sediment, Soil, Groundwater		



Progress To Date

The mission at Andrews Air Force Base (AFB) is to provide Presidential airlift support. Environmental studies at Andrews AFB began in 1985. Historic fuel supply activities, landfills (LFs), and other support and training operations contaminated ground and surface water with metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polyaromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1999. DoD and EPA are currently negotiating a federal facility agreement (FFA) to outline how they will proceed with cleanup. The 2005 BRAC Commission recommended Andrews AFB for realignment.

To date, the installation has closed 8 sites under the petroleum program and has signed 21 Records of Decision (RODs) that selected cleanup actions for 22 sites. In FY05, Andrews AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP sites was identified. Cleanup progress at Andrews AFB for FY05 through FY08 is summarized below.

In FY05, Andrews AFB completed remedial investigations (RIs) for fire training (FT) site 04 and Storage Tank (ST) site 10, and submitted draft feasibility studies (FSs) to evaluate cleanup alternatives for LF 05 and ST 14. The installation completed RODs for FT 04, Spill Sites (SSs) 12 and 13, and ST 10. The installation determined that no further cleanup action was necessary for SSs 12 and 13. The installation also successfully completed a performance-based contract (PBC) with the regulatory closure of ST 17 and awarded a PBC to install and operate cleanup systems at ST 14 and SS 22 for three years. Under the MMRP, Andrews AFB began the preliminary assessment (PAs).

In FY06, Andrews AFB completed RIs at LF 05 and ST 14. The installation also signed a ROD for FT 04, and finalized decision documents that selected cleanup actions for four sites: ST 17, 18, 20, and SS 21. Andrews AFB completed Triad field investigation for Waste Pit (WP) 16 and FT 02 and began Triad field investigation for SS 27. Triad investigations use pre-existing criteria to expedite site characterizations. The

installation also awarded a PBC for Triad investigations of SSs 11 and 26, and Area of Concern (AOC) 32.

In FY07, Andrews AFB finalized RIs at FT 03, WP 16, Storm Drain (SD) site 23, and LFs 06 and 07. In addition, the completion of Triad site inspections at SS 27 and WP 16 led to similar approaches of investigation at SSs 11, 26, and 28 (AOC 32). The installation also completed the FSs for LF 05 (Source 4) and ST 14, and signed RODs for six sites: AOC 26, Site 23, STs 14 and 15, SS 22, and WP 16. With the exception of ST 14 and SS 22, each ROD required no further cleanup action. Andrews AFB installed cleanup systems at ST 14 and SS 22 in accordance with the ROD. Additionally, Andrews AFB completed the preliminary design for cleanup at LF 05. The installation awarded two PBCs to implement cleanup systems for FT 02, LF 05, ST 08, and SS 27, which included three years of monitoring. Under the MMRP, the installation finalized PAs at the identified site. In addition, the installation completed a PA and site inspection (SI) for the Skeet and Trap Club (Site TS 345). All RODs included public comment periods, which were announced in local newspapers.

In FY08, Andrews AFB completed an FS for FT 03. The installation also began RODs for FT 02 and 03, LF 05, ST 08 and 19, and SS 27. Andrews AFB completed and signed RODs for FT 03 and ST 19. The installation also completed construction of cleanup systems at FT 03, and ST 14 and 19. Under the MMRP, Andrews AFB finished RIs for SSs 11, 26, 27, and 28.

FY09 IRP Progress

Andrews AFB completed RODs for FT 02, LF 05, and Site ST 08. No further construction of cleanup systems is required at sites ST 08 and 19. Andrews AFB began the ROD for SS 27 and the FS for LFs 06 and 07. Additionally, Andrews AFB began negotiations with EPA to establish an FFA. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues relating delayed the FS, proposed plan (PP), and ROD for SS 27.

FY09 MMRP Progress

Andrews AFB completed the PA and began the SI. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Andrews Air Force Base are grouped below according to program category.

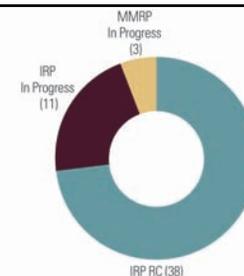
IRP

- Complete FS for LFs 06 and 07, and SSs 11, 26, and 28 in FY10.
- Complete FS, PP, and ROD for SS 27 in FY10.
- Install and operate cleanup systems at LF 05, FT 02 and SS 27 in FY10.
- Assume environmental restoration responsibilities from Naval Air Facility Washington in FY10.
- Complete five-year review reports for all Andrews AFB sites in FY10.

MMRP

- Complete SI in FY10.

FFID:	AL421382002700	Funding to Date:	\$ 67.9 million
Location (Size):	Anniston, Alabama (600 acres)	Est. CTC (Comp Year):	\$ 33.2 million (FY 2041)
Mission:	Maintain combat vehicles	IRP Sites (Final RIP/RC):	49 (FY2012)
HRS Score:	51.91; placed on NPL in March 1989	MMRP Sites (Final RIP/RC):	3 (FY2018)
IAG Status:	IAG signed in June 1990	Five-Year Review Status:	Completed and underway
Contaminants:	phenols, petroleum products, acids, VOCs, caustics, SVOCs, Heavy metals	IRP/MMRP Status Table:	Refer to page C-6-1
Media Affected:	Groundwater, Surface Water, Soil		



Progress To Date

Since 1948, the Army has repaired, rebuilt, and modified combat vehicles and artillery equipment at the Anniston Army Depot (AD) Southeast Industrial Area. Anniston AD also repairs small arms. Painting, degreasing, and plating operations at the installation generated wastes containing volatile organic compounds (VOCs), phenols, heavy metals, and petroleum distillates. The potential risk to human health and the environment was significant enough for EPA to place the Southeast Industrial Area on the NPL in March 1989. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Anniston AD for realignment. In FY98, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, and updated the community relations plan. To ensure continuous monitoring and improvement, Anniston AD completed five-year review reports in FY99 and FY04.

To date, Anniston AD has signed three interim Records of Decision (RODs) and two final RODs, which selected cleanup actions for 39 environmental restoration sites. In FY03, Anniston AD conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Anniston AD for FY05 through FY08 is summarized below.

In FY05, the installation completed Phase III comprehensive groundwater remedial investigation (RI) and submitted it to regulatory agencies for comment. Anniston AD also developed a partnership with Jacksonville State University to compile and analyze data relevant to trichloroethylene (TCE) concentrations in Coldwater Spring. Anniston AD, in partnership with Anniston Waterworks and Sewer Board, also constructed an additional treatment facility at the Coldwater Spring water treatment plant. Under the MMRP, the installation identified an additional site, a former buffer zone for open burning operation. The installation also submitted a site inspection (SI) report for three sites.

In FY06, the installation completed the final design for cleanup and cleanup work plan for the Southeast Industrial Area Soil Operable Unit (OU). Anniston AD also completed the design for cleanup, completed cleanup, and signed the ROD for the

Ammunition Storage Area OU 3 with the Alabama Department of Environmental Management and EPA. Additionally, Anniston AD collected monthly samples from three locations at Coldwater Spring. Under the MMRP, Anniston AD completed the SIs; three sites were evaluated as low priority and recommended for RI. The installation held quarterly RAB meetings to discuss the availability of funding for technical assistance for public participation.

In FY07, Anniston AD completed the comprehensive groundwater Phase III RI for OU 1. Anniston AD also collected monthly samples from three locations at Coldwater Spring and annual samples from nearby private drinking water wells. The installation also completed and submitted the Annual Land Use Control (LUC) Report to evaluate the effectiveness of restrictions on the use of and access to OU 2. The installation purchased the adjacent property pursuant to CERCLA and held quarterly RAB meetings.

In FY08, Anniston AD completed the comprehensive groundwater Phase III FS and contracted a focused FS to evaluate cleanup alternatives for OU 1. The installation also collected monthly samples from three locations at Coldwater Spring and annual samples from nearby private drinking water wells. Anniston AD also signed the ROD for Southeast Industrial Area Soils OU 2 with Alabama Department Environmental Management and EPA. In addition, Anniston AD completed groundwater monitoring under the operational cleanup system for OU 3. Anniston AD also completed and submitted the Annual LUC Report for OU 2 to stakeholders and held quarterly RAB meetings.

FY09 IRP Progress

Anniston AD continued sampling of selected groundwater monitoring wells in OU 1. The installation also continued monthly sampling of Coldwater Spring at three locations and yearly sampling of nearby private drinking water wells. Additionally, Anniston AD continued the operation and maintenance (O&M) of the shallow groundwater treatment plant in the Southeast Industrial Area. The installation also continued with LUC maintenance and monitoring for OU 2 and submitted the Annual LUC Report to the regulators. Anniston AD completed groundwater monitoring using natural processes under the operational cleanup system for OU 3. The installation

also began the expanded SI, approved work plans, and started fieldwork at OU 5.

Contractual issues delayed the completion of the expanded SI for OU 5.

The installation held quarterly RAB meetings.

FY09 MMRP Progress

Anniston AD conducted no MMRP actions.

Plan of Action

Plan of action items for Anniston Army Depot are grouped below according to program category.

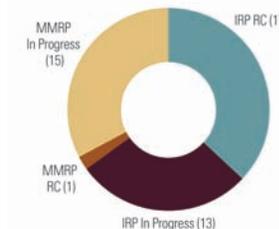
IRP

- Complete expanded SI at OU 5 in FY10.
- Continue groundwater sampling at OUs 1 and 3 in FY10-FY11.
- Continue LUC maintenance and monitoring for OU 2 in FY10-FY11.
- Continue O&M of the shallow groundwater treatment plant and complete the focused FS for OU 1 in FY10-FY11.

MMRP

- Begin RI for three sites in FY10.

FFID:	TN457172404400	Funding to Date:	\$ 112.2 million
Location (Size):	Coffee and Franklin Counties, Tennessee (40,000 acres)	Est. CTC (Comp Year):	\$ 58.1 million (FY 2035)
Mission:	Conduct aerospace ground tests, engineering analysis, technical evaluations, and simulate operational conditions	IRP Sites (Final RIP/RC):	30 (FY2010)
HRS Score:	50.00; proposed for NPL in August 1994	MMRP Sites (Final RIP/RC):	16 (FY2015)
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	VOCs, PCBs, BTEX, PAHs, solvents, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-156
Media Affected:	Groundwater and Soil		



Progress To Date

Arnold Engineering Development Center (EDC) is an advanced aerospace testing, evaluation, and simulation facility. Sites at the installation include a landfill (LF), a chemical treatment plant, the main testing area, a leaching pit, a leachate burn area, and a fire training (FT) area. Chlorinated solvents are the primary contaminants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1994. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB).

The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Arnold EDC for FY05 through FY08 is summarized below.

In FY05, Arnold EDC completed draft statements of basis describing cleanup at FT 10 and Waste Pits (WPs) 02 and 11. The installation also completed a corrective measures study (CMS) for LF 03 and bench-scale treatability studies for WP 06. Arnold EDC began preliminary assessments (PAs) for all MMRP sites. The installation hosted two site tours, one for RAB members and one for local university students.

In FY06, Arnold EDC completed the interim measure construction effort at Spill Site (SS) 22. The installation also completed a dechlorination interim measure at WP 12. The installation continued CMSs at LF 01 and WPs 02, 06, 08, and 11. The RAB conducted a tour for local university students.

In FY07, Arnold EDC completed interim measure expansion at LF 01. The installation also completed the interim measure design of a thermal treatment cleanup study to address the potential groundwater contamination source area at WP 08. Arnold EDC completed CMSs for WPs 06, 08, and 12, and SS 19. Under the MMRP, the installation completed a PA. Arnold EDC also completed a wide area assessment using light detection and ranging terrain data collection to identify military munitions features.

In FY08, Arnold EDC partnered with the Tennessee Department of Environment and Conservation and Tennessee Army National Guard to prioritize the cleanup of contaminated areas at SS 19. Arnold EDC completed RCRA facility investigation reports for SSs 25 and 26. Additionally, the installation completed CMS reports for LF 01, SSs 25 and 26, and WP 08. The installation prepared draft statements of basis for LF 03, Site Storm Drain (SD) 05, SS 19, and WP 02. Arnold EDC awarded a project to treat groundwater contamination at WP 08. Under the MMRP, Arnold EDC also conducted a site inspection (SI) at historical ranges. The RAB toured the MMRP Site TG 28 and received an SI briefing from the installation.

FY09 IRP Progress

Arnold EDC began construction of a thermal treatment system at WP 08. The installation implemented the dig and haul corrective measures project for dioxin-contaminated soils and removed polyaromatic hydrocarbon (PAH) soils from the Old Camp Forrest Incinerator and Area S Foundations. The installation also replaced existing gas leachate lines with larger lines at LF 03. Arnold EDC started a project to implement alternative cleanup measures at LF 01, and SSs 25 and 26. The installation drafted statements of basis for LF 03, SS 22, and WP 06. Tennessee Department of Environment and Conservation reissued a hazardous waste management permit with updated corrective action requirements. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Arnold EDC began development of a draft work plan, an explosive safety submission, and an engineering evaluation/cost analysis (EE/CA) for cleanup at 4 of the 11 sites.

Arnold EDC briefed the RAB and the Tennessee Department of Environment and Conservation on the final SI recommendations, and solicited public comments; no comments were received.

Plan of Action

Plan of action items for Arnold Engineering Development Center are grouped below according to program category.

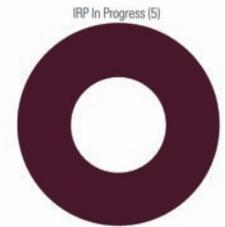
IRP

- Complete construction of the thermal treatment system at WP 08, and begin cleanup of perchloroethylene (PCE)-contaminated groundwater in the targeted thermal treatment zone in FY10.
- Submit construction completion report for SS 19 to the Tennessee Department of Environment and Conservation for review and concurrence in FY10.
- Complete alternative cleanup measures at LF 01, and SSs 25 and 26 in FY10.
- Draft statements of basis for LF 01, SSs 19, 25, and 26, SD 05, and WP 08 in FY10.
- Request funding for and implement recommendations from the Environmental Restoration Program Optimization Team of the Air Force Center for Engineering and the Environment in FY10.
- Treat groundwater contamination at WP 08 in FY10.

MMRP

- Finalize work plan, explosive safety submission, and EE/CA documents, and begin cleanup at Small Arms Ranges 31 and 32 and Sites TG 27 and 28 in FY10.
- Submit final cleanup report to the Tennessee Department of Environment and Conservation for review and concurrence in FY10.
- Develop approval documents for no further cleanup action at all sites in FY10-FY11.

FFID:	NJ257282844900	Est. CTC (Comp Year):	\$ 2.1 million (FY 2017)
Location (Size):	Pleasantville, New Jersey (280 acres)	IRP Sites (Final RIP/RC):	5 (FY2011)
Mission:	Provide Air National Guard training	MMRP Sites (Final RIP/RC):	None
HRS Score:	39.65; placed on NPL in August 1990	Five-Year Review Status:	This installation is not required to complete a five-year review report.
IAG Status:	FFA signed in May 1993	IRP/MMRP Status Table:	Refer to page C-7-36
Contaminants:	VOCs, SVOCs, lead, copper, pesticides, metals, PCBs		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 2.1 million		



Progress To Date

Atlantic City Air National Guard (ANG) Base is home to the 177th Fighter Squadron whose mission is to maintain fighter aircraft on continuous peacetime air defense alert to preserve U.S. air sovereignty. The installation is part of the Federal Aviation Administration (FAA) Technical Center covering approximately 5,100 acres which includes the FAA Williams J. Hughes Technical Center, Atlantic City ANG Base, Atlantic City International Airport, and U.S. Coast Guard Air Station Atlantic City. All of the property is federally owned except for 84 acres, which is owned by the South Jersey Transportation Authority and includes the airport terminal and support facility areas. Sites included a salvage yard, fire training facility, jet fuel farm, fuel mist test facility, and landfill. Volatile organic compounds (VOCs), metals, and pesticides have been detected in groundwater. EPA placed the FAA facility on the NPL in August 1990 because of its proximity to the South Branch of Doughty's Mill Stream, which flows into the Upper Atlantic City Reservoir, a source of drinking water for local residents. In addition, a sole-source aquifer underlying the FAA facility contributes 85 to 90 percent of the watershed for the Upper Atlantic City Reservoir. DoD and EPA signed a federal facility agreement (FFA) in May 1993 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Atlantic City ANG Base for realignment.

Environmental studies have identified five Installation Restoration Program (IRP) sites on the Atlantic City ANG Base property consisting of 280 acres under permit from the FAA. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Atlantic City ANG Base for FY05 through FY08 is summarized below.

In FY05, Atlantic City ANG Base started a remedial investigation (RI) at four sites.

In FY06, Atlantic City ANG Base continued the RI at four sites.

In FY07, Atlantic City ANG Base continued the RI at four sites.

In FY08, Atlantic City ANG Base continued the RI at four sites and started a feasibility study (FS) to evaluate cleanup alternatives.

FY09 IRP Progress

Atlantic City ANG Base received and began to incorporate state comments for the RI. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the FS at four sites.

FY09 MMRP Progress

Atlantic City ANG Base has identified no MMRP sites.

Plan of Action

Plan of action items for Atlantic City Air National Guard Base are grouped below according to program category.

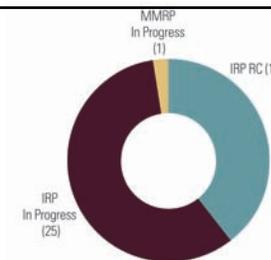
IRP

- Finalize FS for four sites in FY10.
- Finalize a Record of Decision, selecting cleanup actions for four sites in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA017002729100	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Silverdale, Washington (7,201 acres)	Funding to Date:	\$ 91.8 million
Mission:	Provide support base for Trident submarines	Est. CTC (Comp Year):	\$ 35.5 million (FY 2040)
HRS Score:	30.42 (Bangor Ordnance Disposal), placed on NPL in July 1987; 55.91 (Bangor Naval Submarine Base), placed on NPL in August 1990	IRP Sites (Final RIP/RC):	42 (FY2001)
IAG Status:	FFA signed in January 1990	MMRP Sites (Final RIP/RC):	1 (FY2013)
Contaminants:	Residual TNT, RDX, Otto fuel, VOCs, SVOCs, metals, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-179



Progress To Date

From the early 1940s until it was commissioned as a submarine base in 1977, Bangor Naval Submarine Base (NSB) stored, processed, and shipped munitions. Past chemical releases at the installation are primarily related to the detonation, demilitarization, and disposal of explosive ordnance and associated activities. The installation conducted an initial assessment study in FY83 to identify sites requiring further investigation because of suspected soil and groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the Bangor Ordnance Disposal Area on the NPL in July 1987 and the Bangor NSB in August 1990. In January 1990, DoD, EPA, and the State of Washington signed a federal facility agreement (FFA) for the installation to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Bangor NSB for realignment. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05, and updated the community relations plan in FY08.

This installation grouped sites into operable units (OUs). To date, the installation completed eight Records of Decision, selecting cleanup actions for environmental restoration sites. Bangor NSB also has submitted construction completion documents for OUs 1, 2, and 7 were submitted to EPA and the Washington Department of Ecology. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP); one MMRP site has been identified. Cleanup progress for Bangor NSB for FY05 through FY08 is summarized below.

In FY05, Bangor NSB completed an optimization study at OUs 1, 2, and 8, and presented an alternate remedy and systems shutdown to regulators. The installation completed a second five-year review report. The installation also completed the Pogy Road cleanup and discontinued product recovery at OU 8.

In FY06, the installation completed repairs to Site 201 and negotiated with regulators to implement recommendations from the OUs 1, 2, and 8 optimization study. Bangor NSB also discontinued sampling at Site 26. The installation finished sampling at OUs 1, 2, and 7, and did not detect perchlorate.

Under the MMRP, Bangor NSB completed a preliminary investigation and report at Site EO 300.

In FY07, Bangor NSB implemented an internal optimization study at Sites 200 and 204 (OU 1) to close treatment plants. Bangor NSB also repaired wells at OUs 1 and 2. The installation started an assessment of damaged engineering controls at OUs 1, 2, and 8. The installation began an assessment and repair of institutional controls at all OUs, which are tools that minimize the potential for human exposure. The installation continued long-term operation (LTO) and long-term management (LTM) at OUs 1, 2, and 8. Under the MMRP, the installation began a remedial investigation (RI) at Site EO 300.

In FY08, Bangor NSB continued LTO and LTM at OUs 1, 2, and 8, and completed repairs on control systems. The installation began planning and operations for a removal action at a landfill at Site 10. Bangor NSB continued the RI at MMRP Site EO 300. The installation updated the community relations plan.

FY09 IRP Progress

Bangor NSB completed a removal action at Site 10 and began to reduce sampling frequency at OU 8. The installation updated a site model, began installing new wells, and started a study to close the treatment plant at OU 1. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Bangor NSB completed the removal action and RI at Site EO 300 and continued monitoring munitions constituent investigations.

Plan of Action

Plan of action items for Bangor Naval Submarine Base are grouped below according to program category.

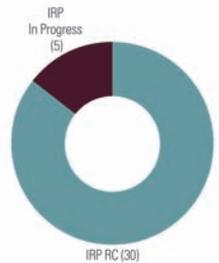
IRP

- Conduct a third five-year review report in FY10-FY11.
- Continue study to evaluate stability of contaminated area at OU 1 in FY10-FY11.
- Conduct a pilot study to address potential for contaminated area at OU 8 to migrate off-base in FY10-FY11.
- Install additional wells for compliance monitoring at OU 2 in FY10-FY11.

MMRP

- Complete removal action of lead-contaminated soil in FY10-FY11.
- Complete risk assessment of trap range area in FY10-FY11.
- Complete RI at Site EO 300 in FY10-FY11.

FFID:	HI917002432600	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Barbers Point, Hawaii (3,816 acres)	Funding to Date:	\$ 62.7 million
Mission:	Maintain and operate facilities and provide services and material support to aviation activities and units of the operating forces	Est. CTC (Comp Year):	\$ 6.2 million (FY 2016)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	35 (FY2014)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	Heavy metals, petroleum hydrocarbons, pesticides, solvents, asbestos, PCBs, VOCs, SVOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-21



Progress To Date

In July 1993, the BRAC Commission recommended closure of Barbers Point Naval Air Station (NAS). The installation closed on July 2, 1999. In FY94, the installation completed an Environmental Baseline Survey to determine the presence of potential environmental hazards, and formed a Restoration Advisory Board to discuss cleanup progress with the community. Also in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the BRAC cleanup team completed the latest version of the BRAC cleanup plan with community input to prioritize sites requiring environmental restoration, along with a land reuse plan. To ensure continuous monitoring and improvement, the installation completed the first five-year review report in FY06.

To date, the installation has signed Records of Decision, which selected cleanup actions for Sites 1, 8, 13, 15, 19, and 20. The installation closed Sites 5, 8 through 13, and 19 in FY99, and Sites 2 and 18 in FY07. The installation transferred BRAC parcels to the Department of Hawaiian Home Lands in FY02 and FY08. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress for Barbers Point NAS for FY05 through FY08 is summarized below.

In FY05, Barbers Point NAS completed an assessment of potential risks to the environment for non-BRAC Sites 6, 7, 17, and 26 through 31. The installation also completed the removal action for non-BRAC Sites 6, 7, and 29. Additionally, the installation completed decision documents, which selected cleanup actions for non-BRAC Sites 6, 7, and 27. The installation completed additional sampling and an assessment of potential risks to the environment at Ordy Pond. Barbers Point NAS completed the cap for the consolidation unit.

In FY06, Barbers Point NAS completed the first five-year review report for various sites.

In FY07, Barbers Point NAS achieved site closeout for Ordy Pond (Site 2), and the Northern and Southern Trap and Skeet Range (Site 18). The BRAC cleanup team attended public meetings on proposed plans for closed sites.

In FY08, Barbers Point NAS and the BRAC cleanup team found various parcels suitable to transfer. The installation completed the monitoring well abandonment work plan. The installation also transferred BRAC parcels to the Department of Hawaiian Home Lands.

FY09 IRP Progress

Barbers Point NAS completed closeout of one underground storage tank and well abandonment. The installation also determined that additional parcels were suitable for transfer. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Barbers Point NAS has identified no MMRP sites.

Plan of Action

Plan of action items for Barbers Point Naval Air Station are grouped below according to program category.

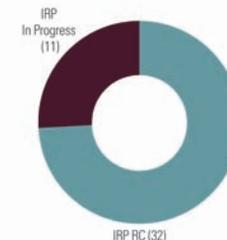
IRP

- Determine if two remaining parcels are suitable to transfer in FY10-FY11.
- Complete the remaining well abandonment in FY10-FY11.
- Complete the environmental hazard management plan in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917302426100	Funding to Date:	\$ 111.0 million
Location (Size):	Barstow, California (5,688 acres)	Est. CTC (Comp Year):	\$ 42.9 million (FY 2039)
Mission:	Maintain, repair, rebuild, store, and distribute supplies and equipment; formerly conducted industrial operations	IRP Sites (Final RIP/RC):	43 (FY2017)
HRS Score:	37.93; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in October 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, PCBs, petroleum hydrocarbons, pesticides, herbicides, MTBE, VOCs, SVOCs, radioactive materials, TCE	IRP/MMRP Status Table:	Refer to page C-6-21
Media Affected:	Groundwater and Soil		



Progress To Date

Barstow Marine Corps Logistics Base (MCLB) consists of Yermo Annex, Nebo Main Base, and the Rifle Range. Vehicle maintenance, repair and maintenance of weapons and missile systems, and storage of petroleum and chemical products contributed to contamination. Site types include sludge disposal areas, plating waste disposal areas, low-level radioactive waste storage areas, spill sites, underground storage tank (UST) sites, and evaporation ponds. The potential risk to human health and the environment from high concentrations of trichloroethylene (TCE) detected in groundwater monitoring wells was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Barstow MCLB for realignment. The installation established an information repository and administrative record in FY91. The installation formed a technical review committee responsible for communicating cleanup progress with the community, and prepared a community relations plan; the community relations plan was revised in FY02. Public meetings are held annually; however, no community interest exists in forming a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

To date, the installation has completed Records of Decision (RODs) for Operable Units (OUs) 1 through 6, which selected cleanup actions for these sites. The installation closed OUs 3 and 4 in FY00, and OUs 5 and 6 in FY02. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Barstow MCLB for FY05 through FY08 is summarized below.

In FY05, the installation completed repairs at CERCLA Area of Concern (AOC) 7. Cleanup operations at CERCLA AOCs 37 and 38, and long-term management (LTM) of the landfill cap continued. The installation also completed optimization studies for OUs 1 and 2. Barstow MCLB continued working with the Navy's Office of the General Council to recapture funds related to the methyl tertiary-butyl ether (MTBE)-contaminated area.

The base received regulatory approval to close 44 USTs. In FY06, Barstow MCLB, EPA, and the State of California approved the OU 2 Nebo South ROD. The installation implemented cleanup operations and activities for groundwater at CERCLA AOCs 37 and 38, and LTM of landfills. Barstow MCLB continued to coordinate with the Office of the General Council to recapture funds related to the MTBE-contaminated area. The installation also began an assessment of potential risks to the environment and a remedial investigation (RI) at OU 7.

In FY07, the installation repaired CERCLA AOC 37 and 38 cleanup systems. Barstow MCLB continued partnerships with regulators through systematic planning, meetings, and site tours.

In FY08, Barstow MCLB continued system optimization at CERCLA AOCs 37 and 38. The installation also continued to inject air into the groundwater and remove vapor contaminants from the soil at CERCLA AOC 6 and the OU 2 Nebo North contaminated area. The installation updated the site master plan and FFA schedule, and completed a second five-year review report. The installation also continued partnerships with the regulators through systematic planning, meetings, and site tours.

FY09 IRP Progress

Barstow MCLB completed and issued the land use control design for cleanup, which restricts use of and access to sites, and conducted an optimization study for cleanup.

Administrative and regulatory issues delayed the RI and assessment of potential risks to the environment at OU 7. Administrative issues also delayed the MTBE settlement agreement.

FY09 MMRP Progress

Barstow MCLB has identified no MMRP sites.

Plan of Action

Plan of action items for Barstow Marine Corps Logistics Base are grouped below according to program category.

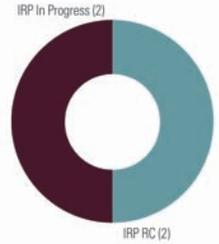
IRP

- Update base master plan in FY10.
- Complete feasibility study to evaluate cleanup alternatives for OU 7 in FY10-FY11.
- Complete MTBE settlement agreement in FY10.
- Complete supplemental RI and assessment of potential risks to the environment for OU 7 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MA117002357000	Funding to Date:	\$ 23.9 million
Location (Size):	Bedford, Massachusetts (46 acres)	Est. CTC (Comp Year):	\$ 37.7 million (FY 2036)
Mission:	Designed, fabricated, and tested prototype weapons and equipment	IRP Sites (Final RIP/RC):	4 (FY2015)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in September 1999	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Acids, BTEX, incinerator ash, industrial wastes, POLs, photographic wastes, solvents, paints, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-6-99
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Bedford Naval Weapons Industrial Reserve Plant (NWIRP), a formerly government-owned and contractor-operated plant, designed, produced, and tested prototype equipment for missile guidance and control systems. Contaminants found at the installation include acids; benzene, toluene, ethylbenzene, and xylene (BTEX); incinerator ash; industrial wastes; paints; petroleum/oil/lubricants (POLs); photographic wastes; solvents; and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in September 1999 to outline how they were going to proceed with cleanup. The Navy formed a technical review committee in FY89, responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. The Navy also developed a community relations plan in FY89 and updated in FY92. The Navy also maintains an information repository. DoD declared the facility as excess and closed it as a non-BRAC closure on December 31, 2000.

Sites identified at the installation include Site 1: an incinerator ash disposal area (potential soil contamination with ash and heavy metals); Site 2: a components-laboratory fuel tank (potential soil contamination with low levels of POLs); Site 3: a northwest groundwater contaminated area (groundwater contaminated with VOCs); and Site 4: a former fuel pump/tank area (soil and groundwater contaminated with BTEX). In FY00, the Navy completed a No Further Action Record of Decision (ROD) for Sites 1 and 2, which determined that no further cleanup activities were necessary for these sites. In FY02, the Navy conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Bedford NWIRP for FY05 through FY08 is summarized below.

In FY05, the Navy continued cool-down of the thermal treatment pilot study at Site 3 and studying the natural attenuation at Site 4. The Navy also began follow-up well sampling of the source area and bedrock at Site 3.

Bedford NWIRP continued regular monitoring of the Site 3 groundwater treatment facility.

In FY06, the Navy continued cool-down of the Site 3 thermal treatment pilot study. The Navy also continued regular monitoring at the Site 3 groundwater treatment facility. Bedford NWIRP continued studying the natural attenuation at Site 4.

In FY07, the Navy completed groundwater modeling, drafted the revised feasibility study (FS) to evaluate cleanup alternatives, and continued regular monitoring of the groundwater treatment facility at Site 3. The Navy also continued studying the natural attenuation at Site 4.

In FY08, the Navy completed the study of natural attenuation at Site 4. Bedford NWIRP updated the FS, and drafted the revised proposed plan (PP) and ROD for Site 4. The Navy also continued regular monitoring of the Site 3 groundwater treatment facility and revised a draft FS to evaluate cleanup alternatives at the site.

FY09 IRP Progress

Bedford NWIRP completed a revised PP and signed a ROD for Site 4. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of the revised FS, PP, and ROD for Site 3.

FY09 MMRP Progress

Bedford NWIRP has identified no MMRP sites.

Plan of Action

Plan of action items for Bedford Naval Weapons Industrial Reserve Plant are grouped below according to program category.

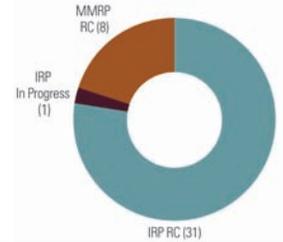
IRP

- Continue preparation for investigations at Site 3 in FY10.
- Complete pre-design investigation and design for cleanup at Site 4 in FY10.
- Complete revised FS, PP, and ROD for Site 3 in FY10-FY11.
- Complete cleanup at Site 4 in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX657002418800	Funding to Date:	\$ 48.8 million
Location (Size):	Austin, Texas (3,197 acres)	Est. CTC (Comp Year):	\$ 2.0 million (FY 2016)
Mission:	Supported reconnaissance and fighter aircraft operations	IRP Sites (Final RIP/RC):	32 (FY1999)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	8 (FY2002)
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, pesticides, petroleum hydrocarbons, metals, TCE, low-level radioactive waste, SVOCs	IRP/MMRP Status Table:	Refer to page C-7-51
Media Affected:	Groundwater and Soil		



Progress To Date

Bergstrom Air Force Base (AFB) began operations in 1942 and supported flying operations for various aircraft throughout its history. Site types identified at the installation include underground storage tanks (USTs), landfills (LFs), fuel spill areas, a pesticide evaporation pit, firing ranges, a sludge weathering pit, aboveground storage tanks (ASTs), oil-water separators, a fire training area, and a radioactive waste disposal area. In July 1991, the BRAC Commission recommended closure of the installation. The installation closed September 1993, and the City of Austin began to convert the installation into the Austin-Bergstrom International Airport. In FY94, Bergstrom AFB formed a BRAC cleanup team to develop a process for cleanup of sites, and formed a Restoration Advisory Board (RAB) to discuss the installation’s cleanup progress with the community. The RAB adjourned in FY97 due to successful cleanup at the installation. Bergstrom AFB updated the community relations plan in FY05 to indicate the status of cleanup and identify ongoing opportunities for community involvement. In order to ensure continuous monitoring and improvement, the installation completed a five-year review report in FY06.

Environmental studies have identified CERCLA sites and RCRA areas of concern (AOCs). Cleanup has included removal of 106 USTs, removal of contaminated soil and low-level radioactive wastes, and closure of 45 ASTs. To date, no further cleanup action is required at 478 sites and AOCs. All property at the installation has been transferred to the City of Austin. In FY04, Bergstrom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight MMRP sites were identified. The installation closed seven MMRP sites in FY04. Cleanup progress at Bergstrom AFB for FY05 through FY08 is summarized below.

In FY05, EPA determined that the Solid Waste Management Unit (SWMU) 76 Area 1 trichloroethylene (TCE)-contaminated area and the combined Southeast LFs 3 through 7 were operating properly and successfully, and found them suitable for transfer. The installation transferred the remaining parcels (361 acres) and deactivated the SWMU 76 Area 1 soil vapor extraction system. Bergstrom AFB performed operation and maintenance (O&M), and long-term management (LTM) for the

combined Southeast LFs 3 through 7. The installation also performed O&M for the Area 1 TCE-contaminated area under a fixed-price cleanup contract. Bergstrom AFB updated the community relations plan. Bergstrom AFB closed the remaining MMRP site.

In FY06, Bergstrom AFB completed its first five-year review report. The installation awarded the annual, regional fixed-price contract to continue O&M and LTM for the combined Southeast LFs 3 through 7, and continued O&M of the SWMU 76 Area 1 TCE-contaminated area. The installation shut down the SWMU 76 air sparge system that had been reducing concentrations of TCE, and collected groundwater samples to demonstrate TCE did not rebound. The installation completed an evaluation of MMRP sites.

In FY07, Bergstrom AFB awarded the annual, regional fixed-price contract to continue LTM and O&M of the combined Southeast LFs 3 through 7, and O&M of the SWMU 76 Area 1 TCE-contaminated area. The installation prepared a statement of work for a regional performance-based contract (PBC) to continue LTM, O&M, well decommissioning, and other activities at Bergstrom AFB.

In FY08, Bergstrom AFB continued LTM and O&M of the combined Southeast LFs 3 through 7, and O&M of the SWMU 76 Area 1 TCE-contaminated area. The installation decided not to pursue a regional multi-year PBC, and reevaluated contract mechanisms to continue LTM, O&M, well decommissioning, and other activities.

FY09 IRP Progress

Bergstrom AFB continued LTM and O&M of the combined Southeast LFs 3 through 7, and O&M of the SWMU 76 Area 1 TCE-contaminated area. The installation continued to reevaluate contract mechanisms to continue to operate cleanup systems, as well as to continue LTM, O&M, well decommissioning, and other activities. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Bergstrom AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Bergstrom Air Force Base are grouped below according to program category.

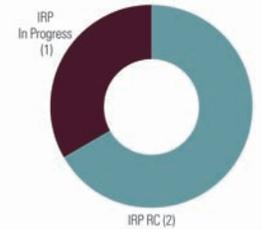
IRP

- Complete five-year review report in FY10.
- Continue reevaluating contract mechanisms to continue LTM, O&M, well decommissioning, and other activities in FY10-FY11.
- Continue LTM and O&M at LFs 3 through 7, and SWMU 76 Area 1 TCE-contaminated area in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MD357182400000	Est. CTC (Comp Year):	\$ 11.8 million (FY 2016)
Location (Size):	Brandywine, Maryland (8 acres)	IRP Sites (Final RIP/RC):	3 (FY2008)
Mission:	None (inactive)	MMRP Sites (Final RIP/RC):	None
HRS Score:	50.15; placed on NPL in June 1999	Five-Year Review Status:	Planned
IAG Status:	FFA under negotiation	IRP/MMRP Status Table:	Refer to page C-6-97
Contaminants:	PCBs, solvents (including TCE), VOCs, SVOCs, metals		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 15.1 million		



Progress To Date

The Brandywine facility is an inactive eight-acre former Defense Reutilization and Marketing Office (DRMO) site located approximately eight miles south of Andrews Air Force Base (AFB). Andrews AFB acquired the property from the Navy in 1961 and used it to store bulky aircraft parts, aircraft engine fuels and lubricants, paints, chemicals, and other supplies subject to deterioration. As a Defense Property Disposal Office in the 1970s, the facility temporarily accumulated wastes from other area DoD facilities, though no hazardous materials have been stored onsite since 1980. The primary contaminants of concern are polychlorinated biphenyls (PCBs) and solvents, including trichloroethylene (TCE). The potential risk to human health and the environment was significant enough for EPA to place Brandywine DRMO on the NPL in June 1999. A federal facility agreement (FFA) between DoD and EPA to outline how they are going to proceed with cleanup is currently under negotiation.

Brandywine DRMO is identified as Spill Site (SS) 01 in the Andrews AFB Installation Restoration Program (IRP) site inventory. To date, the installation has signed one interim Record of Decision (ROD), which selected groundwater cleanup actions. The installation has also removed a total of 17,000 cubic yards of contaminated soil. In FY05, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Brandywine DRMO for FY05 through FY08 is summarized below.

In FY05, Brandywine DRMO finalized a remedial investigation and began the engineering evaluation and cost analysis (EE/CA) for off-site PCBs. The installation sent a newsletter on cleanup progress to the local community and gave a presentation of on-site activities to the Brandywine North Keys Civic Association.

In FY06, Brandywine DRMO continued operation of the interim pump-and-treat system to cleanup contaminated groundwater. The installation also completed a focused feasibility study, treatability study to evaluate cleanup alternatives, and completed an interim ROD, which selected the groundwater cleanup actions. Additionally, the installation completed the

EE/CA and issued a contract for the cleanup of PCB-contaminated soils. Brandywine DRMO engaged the community through the use of fact sheets, public meetings, and discussions with the Brandywine North Keys Civic Association.

In FY07, Brandywine DRMO continued operation of the pump-and-treat system for TCE-contaminated groundwater. Sampling during the design of the groundwater cleanup system determined that the chlorinated volatile organic compound (VOC)-contaminated area had spread further off-property than originally characterized. Brandywine DRMO removed 6,350 tons of impacted material as required by the EE/CA. The installation acquired 3.57 acres of private property to target potential groundwater contamination sources. The installation also began design and initial construction of the groundwater cleanup system. The installation coordinated with the Air Force Real Property Agency to declare the DRMO as excess property.

In FY08, Brandywine DRMO continued the construction of the groundwater cleanup system and investigated potential groundwater contamination source areas. The installation treated a groundwater contaminated area to condition the aquifer for natural cleanup processes in the future.

FY09 IRP Progress

Brandywine DRMO finalized construction of the groundwater extraction trench, treatment system, and natural cleanup for over 20 acres of contaminated areas. The installation also continued quarterly groundwater monitoring to track the effectiveness of the interim cleanup systems, which treated over 2.5 million gallons of water and removed 22 pounds of VOCs. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Brandywine DRMO has identified no MMRP sites.

Plan of Action

Plan of action items for Brandywine Defense Reutilization and Marketing Office are grouped below according to program category.

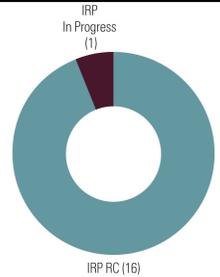
IRP

- Continue to operate the groundwater treatment system in FY10.
- Continue to monitor the results of the bioremediation in FY10.
- Continue to investigate potential groundwater contamination sources in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX657172430300	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	San Antonio, Texas (1,309 acres)	Funding to Date:	\$ 8.7 million
Mission:	Serve as host to the 311 Human System Wing, the USAF's agent for human-centered research, development, acquisition, and operational support	Est. CTC (Comp Year):	\$ 3.3 million (FY 2012)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	17 (FY2002)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	Thinners, pesticides, hydraulics fluids, VOCs, SVOCs, PAHs, PCBs, metals, fuels, POLs, cleaning solvents, paints	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-51



Progress To Date

Brooks Air Force Base (AFB) was established as Brooks Field in 1918 to train pilots. In 1948, Brooks Field was renamed Brooks AFB. In 1991, Brooks AFB was designated as the central location for the Air Force Center for Engineering and the Environment, one of several tenant organizations on base. In 1998, Air Force Materiel Command converted Brooks AFB from a center to the Air Force's only composite medical wing, the 311th Human Systems Wing. In 2002, the Air Force transferred Brooks AFB to the City of San Antonio, and the installation became Brooks City Base, as part of a demonstration project in which the city undertook infrastructure responsibilities in exchange for business opportunities and community development. The 2005 BRAC Commission recommended closure of Brooks City Base. In order to ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

One area of concern and ten (Installation Restoration Program (IRP) sites have been closed because no further cleanup action was required. Six areas of concern have also been recommended for no further cleanup action. The remaining IRP site continues to undergo cleanup. In FY05, Brooks City Base conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Brooks City Base for FY05 through FY08 is summarized below.

In FY05, Brooks City Base completed its first five-year review report for the last IRP site, Fire Protection Training Area (FPTA) 2. The installation also updated its inventory of MMRP sites.

In FY06, Brooks City Base addressed regulatory concerns for FPTA 2; the base suggested that no further cleanup of the subsurface soil contamination would be necessary, and that the site be closed.

In FY07, Brooks City Base completed an investigation of data gaps to improve cleanup at FPTA 2. The installation submitted to regulators an evaluation of design improvements for groundwater biostimulation, the method by which nutrients are added to groundwater in order to stimulate naturally occurring bacteria. The installation also submitted a report proposing the closure of FPTA 2 to regulators for review and comment.

In FY08, Brooks City Base addressed regulatory concerns regarding the evaluation of groundwater biostimulation and the report proposing no further cleanup actions. The installation obtained regulatory approval of the biostimulation design, and began injecting carbon into five contaminated groundwater areas on the base.

FY09 IRP Progress

Brooks City Base plugged and abandoned 11 soil vapor extraction wells and their associated conveyance piping. The installation monitored progress of the groundwater biostimulation.

FY09 MMRP Progress

Brooks City Base has identified no MMRP sites at this installation.

Plan of Action

Plan of action items for Brooks City Base are grouped below according to program category.

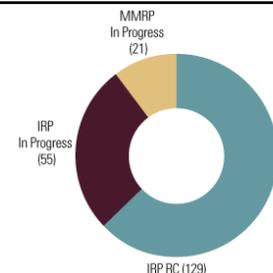
IRP

- Document closure of Operable Unit (OU) 1 in FY10.
- Prepare five-year review report in FY10.
- Petition for closure of FPTA 2 in FY10-FY11.
- Continue monitoring natural contaminant reduction at selected wells twice a month to supplement biostimulation data in FY10-FY11.
- Test recovery system shut down at base boundary to address minor containment concerns in FY10-FY11.
- Redevelop or repair screening interval at Monitoring Well 28 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	NC417302258000	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Jacksonville, North Carolina (151,000 acres)	Funding to Date:	\$ 170.6 million
Mission:	Provide housing, training facilities, logistical support, and administrative supplies for Fleet Marine Force units	Est. CTC (Comp Year):	\$ 151.4 million (FY 2058)
HRS Score:	36.84; placed on NPL in October 1989	IRP Sites (Final RIP/RC):	184 (FY2019)
IAG Status:	FFA signed in February 1991	MMRP Sites (Final RIP/RC):	21 (FY2020)
Contaminants:	Battery acid, fuels, used oils, paints, thinners, PCBs, pesticides, metals, solvents, VOCs, SVOCs, radioactive materials	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-129



Progress To Date

Camp Lejeune Marine Corps Base (MCB) provides housing, training facilities, logistical support, and administrative supplies for Fleet Marine Force units and other assigned units. The installation also provides specialized schools and other training. Contaminants released from past storage and disposal operations have migrated to a shallow aquifer, several surface water bodies, and a deep aquifer used for drinking water. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. In February 1991, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The installation formed a technical review committee in FY88, responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. The installation completed a community relations plan in FY90. The installation placed its administrative record on the internet in FY00. Additionally, the installation finalized a community involvement plan in FY05. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99 and FY05.

To date, the installation has completed 38 Records of Decision (RODs), which selected cleanup actions for those sites. In addition, Camp Lejeune MCB completed an interim final ROD for Site 69. Investigations at Camp Lejeune MCB have identified 86 leaking underground storage tank sites. Since signing the FFA, operable units (OUs) have been identified as part of the Installation Restoration Program (IRP) requiring additional investigation or cleanup. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Camp Lejeune MCB for FY05 through FY08 is summarized below.

In FY05, Camp Lejeune MCB completed pilot scale treatability studies (TSs) at Sites 35, 73, 78, and 86. The installation completed and approved the OU 4 final closeout report. The installation also signed the OU 6 ROD; completed a removal action at the source area of Site 88, the former base dry cleaners; and completed a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives for Site 94. The base also finalized the five-year review report. Under

the MMRP, Camp Lejeune MCB loaded Sites 01 through 14 as unexploded ordnance (UXO) in an internal environmental database.

In FY06, Camp Lejeune MCB completed cleanup at Site 84. The installation also completed RODs for Sites 93 and 94. Under the MMRP, Camp Lejeune MCB continued site inspections (SIs) and storing all sites in the internal environmental database.

In FY07, Camp Lejeune MCB signed interim cleanup completion reports for Sites 36, 43, 44, and 54. The installation also signed a final cleanup completion report for Site 41 and implemented cleanup plans at Site 93. Camp Lejeune continued SIs previously awarded and began SIs for UXO Sites 3, 5, 6, 8, and 9. The installation identified an additional MMRP site, the previous location of a small caliber indoor pistol range and gas chamber (UXO Site 14).

In FY08, Camp Lejeune MCB continued the RI/FS at Sites 35, 69, 73, 86, 88, and 89. The installation also completed the ROD for Site 84 and completed cleanup for Site 93, which is now in long-term management (LTM). The base completed two removal actions at Sites 35 and 89. The installation also signed a final cleanup completion report for Site 2. Under the MMRP, the installation continued ongoing SIs and began new SIs for UXO Sites 2, 7, 10, 11, 12, and 14.

FY09 IRP Progress

Camp Lejeune MCB completed the RI/FSs for Sites 35 and 73. The installation also began a TS and FS at Site 88, and a preliminary assessment and SI for New River and Montford Point. Additionally, Camp Lejeune MCB signed a ROD for OU 5 Site 2. The installation also completed proposed cleanup plans and signed RODs for Sites 35 and 72. The cost of completing environmental restoration has changed significantly due to technical issues.

The installation began an optimization study for Sites 78 and 82, but technical issues delayed completion. Technical issues also delayed completion of the RI/FS for Site 89. Regulatory issues delayed completion of the proposed cleanup plans and RODs for Sites 86 and 89.

FY09 MMRP Progress

Camp Lejeune MCB received regulatory concurrence that no further cleanup actions were necessary at UXO Sites 04, 05, 09, and 16.

Technical issues delayed completion of SIs for the remaining sites.

Plan of Action

Plan of action items for Camp Lejeune Marine Corps Base are grouped below according to program category.

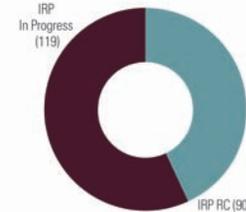
IRP

- Complete a five-year review report and update the community involvement plan in FY10-FY11.
- Complete preliminary assessments (PAs) and SIs for 21 sites in FY10-FY11.
- Complete removal actions for Sites 89 and 95, and complete FS for Site 88 in FY10-FY11.
- Sign ROD, complete design for cleanup, and begin cleanup actions at Sites 35 and 73 in FY10-FY11.
- Continue LTM for Sites 03, 06, 36, 78, 82, and 93 in FY10-FY11.

MMRP

- Complete PA/SIs for UXO Sites 01, 07, 08, 10, 11, 12, 14, and 17 through 20 in FY10-FY11.

FFID:	CA917302353300	Funding to Date:	\$ 216.1 million
Location (Size):	Oceanside, California (250,000 acres)	Est. CTC (Comp Year):	\$ 92.5 million (FY 2020)
Mission:	Provide housing, training facilities, logistics support, and administrative support to Fleet Marine Force Units	IRP Sites (Final RIP/RC):	209 (FY2018)
HRS Score:	33.79; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in October 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, herbicides, heavy metals, PCBs, VOCs, SVOCs, TCE	IRP/MMRP Status Table:	Refer to page C-6-21
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Camp Pendleton Marine Corps Base (MCB) provides housing, training facilities, logistics support, and administrative support to Fleet Marine Force Units. Environmental contamination at the installation resulted from maintenance of vehicles and equipment and support facilities, such as gas stations, hospitals, laundries, pest control services, and hobby shops. Sites at the installation include landfills, surface impoundments, pesticide storage areas, fire training areas, vehicle maintenance areas, and underground storage tanks (USTs). The potential risk to human health and the environment from detection of the herbicide 2,4,5-TP (Silvex) in two groundwater wells used for drinking water was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they would proceed with cleanup. In 2005, the BRAC Commission recommended Camp Pendleton MCB for realignment. In FY91, Camp Pendleton MCB formed a technical review committee responsible for communicating cleanup progress with the community. The installation prepared a community relations plan in FY92, which was updated in FY01. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY02, FY04, FY07, and FY09.

To date, the installation has completed five Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Camp Pendleton MCB for FY05 through FY08 is summarized below.

In FY05, Camp Pendleton MCB completed and obtained agency concurrence on the Operable Unit (OU) 4 proposed plan (PP) for Sites 1D, 1E1, and 30, which documented the cleanup alternatives selected in the feasibility study (FS) to evaluate cleanup alternatives. The installation also completed and obtained agency concurrence on the OU 5 FS for Sites 1A, 6A, 1111, and Area 12 (Site 13). The installation completed the annual groundwater monitoring report and a conceptual site model, which is a schematic diagram of the contaminated area, for Site 7. Additionally, the installation continued operation and

maintenance (O&M) for cleanup systems at UST sites, and received closure for 18 UST sites. The installation held a technical review committee meeting to update the expanded regulatory community on the Site 9 explanation of significant differences with the ROD, OU 4 PP, and general program status.

In FY06, Camp Pendleton MCB negotiated reduced sampling frequencies and a reduced number of analyses for Site 7 based on the large amount of data collected. Camp Pendleton MCB also installed one monitoring well to monitor landfill gas migration in groundwater. An innovative approach to assessing trichloroethylene (TCE) in porewater, sediment, and fractured bedrock at Site 21 was developed. The installation received closure for 14 USTs. The installation continued O&M at UST sites in Areas 11, 13, 21, 24, 26, 31, 43, and 62.

In FY07, Camp Pendleton MCB completed the design for cleanup for Sites 1D and 30. All parties of the FFA team signed the OU 4 ROD. The installation completed an interim removal action at Site 1111. The installation also prepared an explanation of significant differences with the ROD for Site 1A to facilitate cleanup and signed the final five-year review report for OU 1 (Site 9). The base completed fieldwork at Site 9 and Area 13. In addition, the installation received closure for 22 USTs and continued O&M at UST sites in Areas 11, 13, 21, 24, 26, 31, and 43.

In FY08, Camp Pendleton MCB completed an FS for Site 33, and began landfill gas cleanup for Site 7. The FFA team signed the OU 5 ROD. The installation completed two site assessments for Area 16 USTs and closed 8 additional UST sites. The installation also completed the design for cleanup for Sites 1A1 and 1H, and cleanup actions at Sites 1A1 and 30.

FY09 IRP Progress

Camp Pendleton MCB completed a five-year review report. The installation continued cleanup actions at USTs in Areas 11 through 17, 21, 22, 24, 26, 43, 53, and 62, and closed 7 UST sites. The base completed remedial investigation (RI) and FS fieldwork for Areas 22 and 23 groundwater and Site 1115. The installation completed a cleanup completion report for Sites 30, 1A1, and 1111, and completed cleanup at Sites 1A, 1H, and soil cleanup at 1D. Additionally, Camp Pendleton MCB

completed a site inspection (SI) at Site 62. The cost of completing environmental restoration has changed significantly due to technical issues.

Contractual issues delayed the action memorandum and removal action work plan at Site 33.

FY09 MMRP Progress

Camp Pendleton MCB has identified no MMRP sites.

Plan of Action

Plan of action items for Camp Pendleton Marine Corps Base are grouped below according to program category.

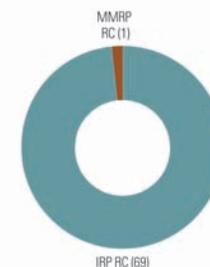
IRP

- Continue cleanup actions at USTs in Area 11 through 17, 21, 22, 24, 26, 43, 53, and 62 in FY10-FY11.
- Begin groundwater treatment at Site 1D and pilot studies at Sites 21 and 1115 in FY10-FY11.
- Prepare engineering evaluation and cost analysis, action memorandum, and cleanup work plan for Site 33 and submit cleanup completion reports for Sites 1A and 1H in FY10-FY11.
- Complete work plans and fieldwork for SIs at Sites 1116, 1117, 1118, and an RI at Site 1114 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX657002404200	Funding to Date:	\$ 51.4 million
Location (Size):	Fort Worth, Texas (2,569 acres)	Est. CTC (Comp Year):	\$ 0.1 million (FY 2009)
Mission:	Supported bomber, tanker, and other aircraft operations	IRP Sites (Final RIP/RC):	69 (FY2005)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2001)
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	POLs, JP-4 jet fuel, solvents, waste oils, TCE cleaners, low-level radioactive material, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-8-56
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Carswell Air Force Base (AFB) was established in 1942 and supported flying operations for various aircraft throughout its history. Site types at the installation include underground storage tanks, landfills, fire training areas, waste burial areas, contaminated groundwater areas, contaminated ditches, and oil-water separators. The primary contaminants are petroleum hydrocarbons in groundwater, surface water, sediment, and soil; and trichloroethylene (TCE) in groundwater and soil. In July 1991, the BRAC Commission recommended closure of Carswell AFB. The installation closed in September 1993, but approximately 1,830 acres were reactivated in FY94 after the 1993 BRAC Commission recommended its realignment as a Joint Reserve Base. The installation's airfield is also used by the adjacent Air Force Plant 4, an aircraft manufacturing plant that opened in the 1940s. The Air Force Real Property Agency is responsible for restoration activities on the BRAC property, and the Air Force Center for Engineering and the Environment is responsible for restoration activities on the Joint Reserve Base. In FY94, the installation formed a BRAC cleanup team to develop a process for cleaning up sites at Carswell AFB, and a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, Carswell AFB completed a five-year review report in FY06.

To date, Carswell AFB has completed all cleanup at sites on the golf course and the recreational vehicle family camping site. The installation has transferred cleanup of sites located within the Joint Reserve Base to the Environmental Restoration program. Of the total 492 acres not retained by DoD, 388 acres have been transferred to the local redevelopment authority and 104 acres to other federal agencies, primarily the Federal Bureau of Prisons. DoD has kept approximately 1,830 acres for the Joint Reserve Base (Navy and Air Force) and 247 acres at an Army off-base weapons storage area. In FY04, Carswell AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Carswell AFB for FY05 through FY08 is summarized below.

In FY05, The Air Force Real Property Agency investigated the radioactive contamination in the bunker at the off-base

weapons storage area and transferred approximately 37 acres to the local redevelopment authority. Carswell AFB coordinated the completion of the focused feasibility study (FS) to evaluate cleanup alternatives for the Air Force Plant 4 TCE-contaminated area with state and federal regulators. Regulators agreed to consider Carswell AFB's explanation of significant differences between cleanup actions selected by Air Force Plant 4 in 1996, and those proposed by the 2005 focused FS. The installation's explanation would support an operating properly and successfully determination and the transfer of 187 acres to the local redevelopment authority (Carswell Golf Course Parcel). Carswell AFB completed the sanitary sewer system cleanup. The installation awarded a contract for clearance of potential munitions and explosives of concern (MEC) at the off-base weapons storage area explosive ordnance disposal range. AFRPA began evaluating requirements at the identified MMRP site. The RAB and BRAC cleanup team each met three times.

In FY06, federal regulators and the Air Force and Safety Center accepted the preliminary assessment/site inspection report for radiation at the off-base weapons storage area; no further cleanup action is required at the site. Regulators approved the focused FS for the Air Force Plant 4 TCE-contaminated area. Carswell AFB completed its first five-year review report and submitted it to regulators. Regulators approved closure of the sanitary sewer system. The installation completed MEC clearance activities at the explosive ordnance disposal range, and prepared and submitted a report to the Air Force and Safety Center, DoD Explosives Safety Board, and regulators for review. The RAB and BRAC cleanup team each met three times.

In FY07, regulators approved the explanation of significant differences with the ROD for the Air Force Plant 4 TCE-contaminated area. Regulators also found 187 acres suitable to transfer to the local redevelopment authority. Carswell AFB transferred the 247-acre off-base weapons storage area property to Army, then transferred the remaining Joint Reserve Base acreage to Navy. The Air Force and Safety Center and the DoD Explosives Safety Board approved the MEC clearance report for the off-base weapons storage area explosive ordnance disposal range. The RAB and BRAC cleanup team each met three times.

In FY08, Carswell ARB obtained regulatory approval for the Corrective Action Plan for Area of Concern (AOC) 1, located on the Joint Reserve Base.

FY09 IRP Progress

Carswell AFB established that it was unnecessary for the installation to implement Phases I and II of the Corrective Action Plan for AOC 1, and the Texas Commission on Environmental Quality concurred with Carswell AFB that no further cleanup actions were necessary. All monitoring wells at AOC 1 are now being plugged and abandoned, and the cleanup system taken out of service. This is the last narrative for this installation, as cleanup is complete at all sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Carswell AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Carswell Air Force Base are grouped below according to program category.

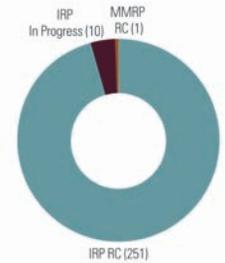
IRP

- Complete five-year review report on the BRAC property deeded to the local redevelopment authority in FY10.
- Investigate fuel-stained soils at Solid Waste Management Unit 48 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA957002455100	Funding to Date:	\$ 172.5 million
Location (Size):	Atwater, California (2,777 acres)	Est. CTC (Comp Year):	\$ 10.3 million (FY 2044)
Mission:	Trained tanker crews and serviced KC-135 stratotanker	IRP Sites (Final RIP/RC):	261 (FY2006)
HRS Score:	27.93; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	1 (FY2008)
IAG Status:	IAGs signed in 1989 and 2004	Five-Year Review Status:	Completed and planned
Contaminants:	Spent solvents, PCBs, POLs, pesticides, cyanide, cadmium, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-6-29
Media Affected:	Groundwater and Soil		



Progress To Date

Castle Air Force Base (AFB) formerly trained tanker crews and serviced KC-135 stratotanker. Castle AFB has identified landfills (LFs), underground storage tanks, discharge areas, chemical disposal pits, fire training areas, fuel spill areas, and polychlorinated biphenyl (PCB) spill areas at the installation. The potential risk to human health and the environment was significant enough for EPA to place Castle Air Force Base (AFB) on the NPL in July 1987. DoD and EPA signed interagency agreements (IAGs) in 1989 and 2004 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation and Castle AFB closed in September 1995. The installation formed a BRAC cleanup team in FY92 to develop a process for cleanup of sites at Castle AFB, and a Restoration Advisory Board (RAB) in FY95 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Castle AFB grouped restoration sites at the installation into three operable units (OUs): OUs 1 and 2 (groundwater), and the source control OU. Castle AFB has signed Records of Decision (RODs) for sites across the base, groundwater, OUs 1 and 2, Castle Vista, and all source control OU sites, which selected cleanup activities for these sites. The installation closed seven sites suspected to contain contamination for the Installation Restoration Program (IRP) and transferred all remaining property in FY07. In FY04, Castle AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Castle AFB for FY05 through FY08 is summarized below.

In FY05, Castle AFB completed the source control OU ROD and began cleanup of the selected sites. Groundwater extraction and treatment systems operated effectively. The installation investigated the weapons storage area. In addition, Castle AFB began evaluating requirements at MMRP sites. The RAB conducted community activities.

In FY06, Castle AFB completed the comprehensive ROD for the base. The installation submitted seven closure reports on soil vapor extraction (SVE) to regulators, and finalized two

documents that declared all of Castle AFB property ready for transfer. Castle AFB evaluated, cleared, and closed one MMRP site.

In FY07, Castle AFB transferred all remaining property (666 acres in 16 parcels). The installation received regulatory approval to close seven IRP sites and performed operations at the remaining SVE sites. Castle AFB completed all physical investigations of MMRP sites.

In FY08, Castle AFB proposed partially closing six SVE sites. The Air Force Real Property Agency approved a performance-based contract (PBC) strategy developed by the installation. Castle AFB completed a review of historical MMRP actions.

FY09 IRP Progress

Castle AFB submitted a draft site closure report for six SVE sites to regulators and completed additional sampling in accordance with regulators' comments. The installation has changed from a PBC to a performance-based remediation; Castle AFB awarded a performance-based remediation contract for the base. In addition, the installation completed its third five-year review report.

Regulatory issues delayed closure of the six SVE sites.

FY09 MMRP Progress

Castle AFB closed the only remaining MMRP site.

Plan of Action

Plan of action items for Castle Air Force Base are grouped below according to program category.

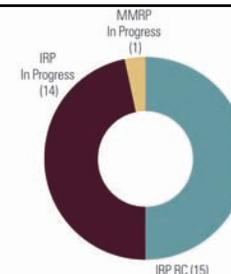
IRP

- Obtain regulatory closure for six SVE sites in FY10.
- Implement enhanced groundwater, SVE, and LF cleanup and monitoring in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	FL417002247400	Funding to Date:	\$ 66.6 million
Location (Size):	Jacksonville, Florida (30,895 acres)	Est. CTC (Comp Year):	\$ 9.5 million (FY 2029)
Mission:	Provide facilities, services, and material support for maintenance of Naval weapons and aircraft	IRP Sites (Final RIP/RC):	29 (FY2008)
HRS Score:	31.99; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	1 (FY2015)
IAG Status:	FFA signed in October 1990	Five-Year Review Status:	Completed
Contaminants:	Waste fuel oil, solvents, heavy metals, halogenated aliphatics, phthalate esters, SVOCs, lead, VOCs	IRP/MMRP Status Table:	Refer to page C-7-17
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Cecil Field Naval Air Station (NAS) supports the maintenance of Naval weapons and aircraft. Operations that caused contamination include equipment maintenance, storage and disposal of fuel and oil, fire training, and training on target ranges. Investigations identified CERCLA sites, 10 major underground storage tank sites, 235 other underground storage tanks, 250 BRAC grey sites, and 1 RCRA site. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in November 1990 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of this installation and relocation of its aircraft, personnel, and equipment to other stations. BRAC 1995 redirected associated bombing ranges to Jacksonville NAS, reducing the BRAC footprint to 17,225 acres. Formed in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community to a Restoration Advisory Board in FY95. The installation also formed a BRAC cleanup team in FY94 to develop a process for cleanup of sites. To ensure continuous monitoring and improvement, Cecil Field NAS completed five-year review reports in FY00 and FY05.

To date, the installation has signed 26 Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. The installation also has found approximately 17,043 acres suitable to transfer. The installation delisted approximately 16,584 acres from the NPL. Cecil Field NAS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Cecil Field NAS for FY05 through FY08 is summarized below.

In FY05, Cecil Field NAS completed the second five-year review report; completed RODs for Sites 21, 57, and 58; and found 120.4 acres suitable for transfer. The installation also submitted draft operating properly and successfully (OP&S) documentation and draft land use control (LUC) designs for cleanup, which restrict use of and access to Sites 5, 21, 25, 32, 57, and 58. The facility completed remedial investigation (RI) fieldwork at Site 59 and completed the proposed plan and feasibility study to evaluate cleanup alternatives for Site 15.

Cecil Field NAS installed the North Fuel Farm air sparging system, and continued long-term operations (LTO) and long-term management (LTM) at 36 groundwater sites. The facility completed a munitions and explosives of concern (MEC) investigation, and detonated MEC at 20 acres of the North Apron Expansion site.

In FY06, Cecil Field NAS completed LTO/LTM at 36 sites. The installation also completed cleanup at Site 49. Cecil Field NAS signed RODs at Sites 15 and 49 and approved OP&S documents and LUC designs for cleanup at eight sites. The installation also implemented the biostimulation and augmentation pilot study at Site 59 by adding nutrients to groundwater to stimulate naturally occurring bacteria. The installation also completed the MEC investigation and removal for 20 acres at Hangar 860 and two additional acres at the North Apron Expansion site.

In FY07, Cecil Field NAS found 216 acres suitable for transfer. The installation monitored cleanup using natural processes at Sites 1, 2, 3, 5, 8, 16, 17, 21, 45, 36/37, 57, and 58. Cecil Field NAS submitted after-action reports for the MEC investigation and removal at Hangar 860 and North Apron Expansion.

In FY08, Cecil Field NAS completed two RODs for Sites 15 and 59, and continued LTO/LTM at 36 groundwater sites. The installation prepared a Decision Document determining no further action for Site 25, which determined that no further cleanup activities were necessary. The installation excavated Site 15 and cleared Building 365 and Hangar 860 following interim site approval.

FY09 IRP Progress

Cecil Field NAS completed excavation and issued a completion report at Site 15. Cecil Field NAS continued air sparging systems at Sites 36, 37, 59, and the North Fuel Farm. The installation also continued LTM at 36 sites, and signed a no further action ROD for Site 25. Cecil Field NAS received regulatory concurrence that construction was complete for cleanup actions on the installation. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Cecil Field NAS began a site inspection (SI) at Unexploded Ordnance (UXO) 1 to determine the extent of munitions contamination.

Plan of Action

Plan of action items for Cecil Field Naval Air Station are grouped below according to program category.

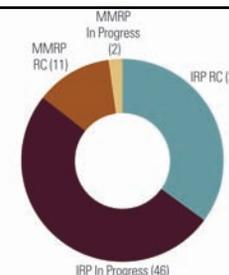
IRP

- Continue LTM at 35 sites in FY10.
- Continue air sparging systems at Sites 36, 37, 59, and North Fuel Farm in FY10.

MMRP

- Continue SI at UXO 1 in FY10-FY11.

FFID:	IL57002475700	Est. CTC (Comp Year):	\$ 13.2 million (FY 2016)
Location (Size):	Rantoul, Illinois (2,174 acres)	IRP Sites (Final RIP/RC):	78 (FY2016)
Mission:	Served as technical training center and airport	MMRP Sites (Final RIP/RC):	13 (FY2010)
HRS Score:	Pending	Five-Year Review Status:	Completed and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-6-82
Contaminants:	POLs, chlorinated solvents, metals, UXO, VOCs, SVOCs		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 148.1 million		



Progress To Date

Chanute Air Force Base (AFB) was one of five Air Training Command Technical Training Centers providing specialized training for officers, airmen, and civilian employees of the Air Force and other DoD agencies. Sites identified at the facility include landfills, fire training areas, oil-water separators, a petroleum sludge disposal pit, jet engine test cells, and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to propose the Operable Unit (OU) 2 portion of the installation be placed on the NPL in FY01. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 1988, the BRAC Commission recommended Chanute AFB for closure. The installation signed a memorandum of understanding with the State of Illinois, and closure occurred in 1993. The majority of the installation has been leased to the Village of Rantoul for use as an airport. In FY94, Chanute AFB formed a BRAC cleanup team to develop a process for cleanup of contaminated sites, and formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. Chanute AFB updated the community relations plan in FY07.

There are currently 78 sites suspected to contain contamination for the Installation Restoration Program (IRP) at Chanute AFB, which are divided into 59 sites regulated under CERCLA and 19 non-CERCLA sites. Chanute AFB has completed the remedial investigation (RI) phase for 77 of the 78 IRP sites. In concurrence with Illinois EPA, the installation closed 14 non-CERCLA sites, 111 former fuel storage tank sites, and 11 areas of concern (AOCs) prior to FY06. Between FY05 and FY08, the installation transferred 876 acres, primarily to the Village of Rantoul. Between FY07 and FY09, the installation completed five Records of Decision (RODs) determining that no further cleanup was required at 18 CERCLA sites. In FY04, Chanute AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); 13 MMRP sites were identified. The cleanup progress at Chanute AFB for FY05 through FY08 is summarized below.

In FY05, the installation completed decision documents (DDs) with Illinois EPA approval, which closed six non-CERCLA sites. No cleanup action was required at any of the AOCs, and

Chanute AFB transferred five acres by public sale. The installation completed a polychlorinated biphenyl (PCB) investigation and continued closure actions at multiple non-CERCLA former fuel storage tank sites. Chanute AFB identified widespread soil contamination and localized groundwater impacts. The installation completed an RI report to address one site. Chanute AFB began evaluating requirements at MMRP sites. The installation expanded community outreach efforts and completed an initiative to increase the visibility of the RAB, which included a campaign to solicit new members and elect a community co-chair.

In FY06, Chanute AFB completed 7 RI reports addressing 10 sites, and continued to develop others. The installation began a feasibility study (FS) to evaluate cleanup alternatives at three sites and developed proposed plans and RODs determining no further cleanup action was necessary for additional sites. The installation continued closure actions at multiple non-CERCLA sites. The Air Force Safety Center concurred that one area suspected to be an MMRP site did not contain munitions contamination.

In FY07, Chanute AFB transferred 781 acres to the Village of Rantoul. The installation completed two RODs that closed nine CERCLA sites, and began developing a performance-based contract (PBC) to complete cleanup at all remaining restoration sites. Illinois EPA approved the closure of one former fuel storage tank location and concurred with cleanup plans at four others, including one non-CERCLA site. The installation completed 6 RI reports addressing 19 sites and continued developing several additional RI/FS documents. Chanute AFB conducted a treatability study for groundwater contaminated with volatile organic compounds (VOCs). The installation began the site closure process for all MMRP sites.

In FY08, Chanute AFB completed cleanup at three former fuel storage tank locations and signed two RODs, which closed four IRP sites. The installation transferred 90 acres to the Village of Rantoul. Chanute AFB completed a Site Inspection Completion Report for 2 non-CERCLA petroleum/oil/lubricant (POL) sites, and 8 RI reports addressing 26 CERCLA sites. Chanute AFB closed 11 MMRP sites.

FY09 IRP Progress

Chanute AFB obtained regulatory concurrence on two RI reports addressing two CERCLA sites. The installation completed a ROD that closed five IRP sites, and submitted a separate ROD that closed six IRP sites. The installation awarded the PBC to conduct a final RI at 1 site and to complete cleanup at all 46 remaining sites. Chanute AFB submitted two FS reports to regulators addressing seven CERCLA sites in OU1. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Administrative issues delayed closure of the final two MMRP sites.

Plan of Action

Plan of action items for Chanute Air Force Base are grouped below according to program category.

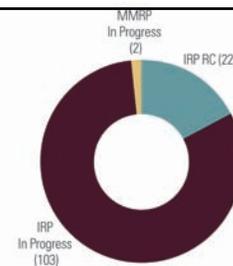
IRP

- Perform cleanup at eight IRP sites in FY10.
- Complete 3 RODs addressing 22 sites in FY10.
- Complete four DDs to select cleanup actions at four non-CERCLA sites in FY10.
- Complete a five-year review report in FY10.
- Complete 4 RODs addressing 15 sites and 1 non-CERCLA DD addressing 1 additional site in FY11.
- Perform cleanup at 26 IRP sites in FY11.

MMRP

- Close the final two MMRP sites in FY10.

FFID:	SC417002434300, SC417002757100, SC417002267000, SC417002425800, SC417002256000	Media Affected:	Groundwater, Sediment, Soil
Location (Size):	Charleston, South Carolina (2,922 acres)	Funding to Date:	\$ 56.6 million
Mission:	Repaired, maintained, and overhauled Navy ships	Est. CTC (Comp Year):	\$ 3.5 million (FY 2031)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	125 (FY2013)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	2 (FY2007)
Contaminants:	POLs, solvents, petroleum hydrocarbons, SVOCs, VOCs, asbestos, cyanide, decontaminating agents, heavy metals, paints, PCBs, pesticides	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-7-49



Progress To Date

The Charleston Naval Complex (CNC) housed five major naval commands (Naval Shipyard, Naval Station, Naval Fleet and Industrial Supply Center, Fleet and Mine Warfare Training Center, and Naval Reserve Center) and several small organizations. In July 1993, the BRAC Commission recommended closure of CNC; operational closure occurred on April 1, 1996. Formed in FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in 1996. In 1994, CNC formed a BRAC cleanup team to develop a process for cleanup of sites at the installation. Concurrently, the State of South Carolina formed a local redevelopment agency. The installation updated its community relations plan in FY01.

To date, the installation has identified solid waste management units (SWMUs) and areas of concern (AOCs) that require cleanup. The BRAC cleanup team has determined no further cleanup action is necessary at 96 sites, and 23 sites have received approval from the South Carolina Department of Health and Environmental Control for no further investigation with land use controls (LUCs), which restrict use or access to the sites. The remaining sites require long-term monitoring. The BRAC cleanup team also has identified 84 underground and aboveground storage tanks (UST/ASTs), of which 77 have received concurrence for no further cleanup action. The Navy divided transfer of CNC's 2,922 acres into four phases; all transfers are complete. The installation completed the final economic development conveyance consisting of 436 acres via early transfer in 2005. Other significant transfers include the sale of 24 acres of the Chicora Tank Farm in 2004 and transfer of 1,677 acres to other federal entities. The installation has investigated an additional 16 new RCRA sites, 12 of which have received no further action concurrence from the state, 2 have no further cleanup action recommendations (AOCs 725 and 726), 1 is recommended for monitored cleanup using natural processes (AOC 722), and 1 has cleanup underway (AOC 723). In FY02, CNC conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified. Cleanup progress at CNC for FY05 through FY08 is summarized below.

In FY05, CNC received state approval to develop LUCs at SWMU 9. CNC transferred the final 436 acres to the local redevelopment agency. The installation also installed a biosparge/soil vapor extraction (SVE) system at SWMU 196, and implemented a lactate injection system for source area treatment at SWMU 39.

In FY06, CNC monitored cleanup using natural processes and long-term monitoring at 37 sites. The installation also continued cleanup at SWMUs 25, 39, 166 and 196, and AOCs 607 and 723.

In FY07, CNC conducted the fill placement for the landfill cover (SWMU 9), and began installation of the air sparging/SVE system at SWMU 17. The installation also received state concurrence for monitored cleanup using natural processes at AOC 722, and for no further cleanup action at two additional UST/AST sites. Under the MMRP, CNC partnered with state regulators to conduct an Explosives Hazard Assessment and Mitigation Measures Study, which found that MMRP sites AOCs 501 and 503 required no further cleanup actions.

In FY08, CNC confirmed no further construction of cleanup systems is required at SWMUs 163/166. The installation also closed several petroleum sites. The installation completed Zone J RCRA Facility Investigation (RFI) studies and reports, and continued fieldwork to support AOCs 517, 523, 693, 694, and 695, and SWMU 179. CNC performed an excavation at one UST/AST site, continued operation of a solar-powered oil collection unit at another site, and received no further cleanup action determinations at two other sites. Under the MMRP, the installation began a second Explosives Hazard Assessment and Mitigation Measures Study for AOCs 500 and 502.

FY09 IRP Progress

CNC continued corrective measures at SWMUs 17, 25/70, 39, 196, and AOCs 607 and 723. The installation also continued monitored cleanup using natural processes and long-term monitoring at 14 sites. In addition the installation continued RFI studies for the remaining sites, and submitted a RCRA permit renewal application. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

CNC submitted a draft Explosives Hazard Assessment and Mitigation Measures Study for AOCs 500 and 502, but technical issues delayed completion of the study.

Plan of Action

Plan of action items for Charleston Naval Complex are grouped below according to program category.

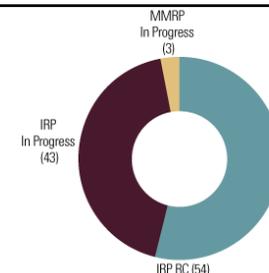
IRP

- Complete RCRA permit renewal and incorporate comments in FY10.
- Complete RFI studies for remaining sites in FY10.
- Continue corrective measures at 7 sites, and monitor cleanup using natural processes and long-term monitoring at 14 sites in FY10-FY11.

MMRP

- Submit response to agency comments and the final Explosives Hazard Assessment and Mitigation Measures study for AOCs 500 and 502 in FY10.

FFID:	NC417302726100	Funding to Date:	\$ 91.9 million
Location (Size):	Cherry Point, North Carolina (29,139 acres)	Est. CTC (Comp Year):	\$ 93.4 million (FY 2040)
Mission:	Maintain and operate support facilities; provide services and materials for marine aircraft	IRP Sites (Final RIP/RC):	97 (FY2016)
HRS Score:	70.71; placed on NPL in December 1994	MMRP Sites (Final RIP/RC):	3 (FY2019)
IAG Status:	FFA signed in January 2005 and January 2008	Five-Year Review Status:	Completed and planned
Contaminants:	SVOCs, explosives, propellants, VOCs, PCBs, petroleum hydrocarbons, solvents, heavy metals	IRP/MMRP Status Table:	Refer to page C-6-129
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Cherry Point Marine Corps Air Station (MCAS) provides services and materials for marine aircraft. Military activities have resulted in environmental contamination at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed federal facility agreements (FFAs) in FY05 and FY08 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Cherry Point MCAS for realignment. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community to a Restoration Advisory Board in FY95. In FY93, the installation formed two information repositories, and completed a community relations plan in FY95. Cherry Point MCAS finalized its community involvement plan in FY05. In FY03, the installation finalized the first five-year review report. To ensure continuous monitoring and improvement, the installation completed five-year review reports for eight sites in FY03 and FY08.

To date, the installation has completed nine Records of Decision (RODs), which selected cleanup actions for 15 environmental restoration sites. A RCRA facility assessment performed in FY88 identified solid waste management units. The installation also had identified underground storage tank sites. The installation and EPA agreed to perform additional investigations at 15 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Cherry Point MCAS for FY05 through FY08 is summarized below.

In FY05, Cherry Point MCAS finalized the FFA. The installation finalized the RODs for Operable Units (OUs) 4 and 13, an assessment of potential risks to the environment at OU 1, and the remedial investigations (RIs) for OUs 5 and 6. The installation completed the OU 14 Phase III RI fieldwork. Cherry Point MCAS conducted an enhanced natural cleanup treatability study within OU 1 to test treatment technologies for chlorinated volatile organic compounds (VOCs) in groundwater. The installation finalized the community involvement plan.

In FY06, Cherry Point MCAS finalized the feasibility study (FS) to evaluate cleanup alternatives, proposed cleanup action plan and RODs for OUs 5 and 6, and began implementation. The installation began an update of the OU 1 RI to incorporate the latest human health screening criteria and the latest sampling results of the assessment of potential risks to the environment.

In FY07, Cherry Point MCAS completed a removal action at OU 6 (Site 12 Crash Crew Training Area) in accordance with the ROD, removed contaminated soils, and began long-term monitoring. Cherry Point MCAS also started site inspections (SIs) at three MMRP sites.

In FY08, Cherry Point MCAS finalized the RI and began the FS for OU 14. The installation also completed an RI addendum for OU 1 and began the FS for the central groundwater contaminated area. The installation completed a completion report for OU 6 and removal actions at OU 1 (Tributary 2). Cherry Point MCAS also completed five-year review reports for the OU 1 central groundwater contaminated area, Site 16, OUs 2 through 6, and 13. Under the MMRP, the installation developed a communication plan to inform stakeholders of anticipated actions.

FY09 IRP Progress

Cherry Point MCAS finalized the FS, proposed cleanup plan, and ROD for OU 14. The installation also finalized all cleanup actions at OU 6, and finalized the RI for OU 1 central groundwater contaminated area. Cherry Point MCAS completed a supplemental investigation for OU 1 Site 17 resulting in agreement that no further cleanup actions were necessary. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of the FSs and RODs for OU 1 Sites 14 through 18, and 40. Technical issues also delayed completion of the FS at OU 1 and the interim cleanup action completion report for OU 5.

FY09 MMRP Progress

Cherry Point MCAS informed stakeholders of anticipated MMRP actions.

Technical issues delayed the aerial mapping required for an SI at Sites 1, 2, and 3.

Plan of Action

Plan of action items for Cherry Point Marine Corps Air Station are grouped below according to program category.

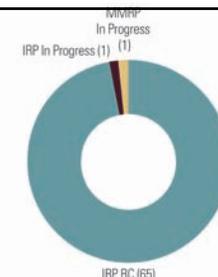
IRP

- Begin design and start cleanup at OU 14 in FY10.
- Complete proposed cleanup plan and ROD for OU 1 Sites 14, 15, 17, 18, and 40 in FY10.
- Complete optimization study for groundwater at OU 2 in FY10.
- Complete FS, proposed cleanup plan, and ROD for the OU 1 central groundwater contaminated area in FY10-FY11.
- Complete FS, proposed cleanup plan, ROD, and cleanup design for OU 1 Site 16 and 83 in FY10-FY11.
- Complete proposed cleanup plan and revised ROD for OU 2 Site 10 and design for cleanup in FY10-FY11.

MMRP

- Complete SIs for Sites 1, 2, and 3 in FY10.
- Begin RI for Site 2 to include contaminated watershed study in FY10-FY11.
- Complete final focused RI including surface removal for Site 1 in FY11.

FFID:	NE721382023400	Est. CTC (Comp Year):	\$ 17.7 million (FY 2021)
Location (Size):	Hall County, Nebraska (4,020 acres)	IRP Sites (Final RIP/RC):	66 (FY2004)
Mission:	Manufactured ammunition	MMRP Sites (Final RIP/RC):	1 (FY2013)
HRS Score:	51.3; placed on NPL in July 1987	Five-Year Review Status:	Completed and underway
IAG Status:	FFA signed in December 1994	IRP/MMRP Status Table:	Refer to page C-6-110
Contaminants:	Explosives and heavy metals		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 74.5 million		



Progress To Date

Cornhusker Army Ammunition Plant (AAP) is a former ammunition manufacturing facility. In FY83, the installation identified an explosives-contaminated groundwater area migrating off-site. The off-site contamination affected more than 250 private residences in Grand Island. In FY86 and FY95, the installation extended the Grand Island municipal water distribution system to all affected residences. In FY86, Cornhusker AAP removed and incinerated 40,000 tons of explosives-contaminated soil from sumps and leaching pits. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in July 1990, to outline how they were going to proceed with cleanup. In FY01, the installation completed the transfer of disposal responsibility for Cornhusker AAP from the Army Materiel Command to the U.S. Army Corps of Engineers. The community formed a local redevelopment authority in FY89. To ensure continuous monitoring and improvement, Cornhusker AAP completed a five-year review report in FY04.

An initial assessment study completed in FY80 identified 65 contaminant sources at the installation. To date, the installation has completed five Records of Decision, which selected cleanup actions at environmental restoration sites. In FY99, the results of long-term groundwater monitoring of the off-post contamination provided data to support monitored cleanup of the explosive contaminants using natural processes. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Cornhusker AAP for FY05 through FY08 is summarized below.

In FY05, the installation operated cleanup systems at Operable Unit (OU) 1.

In FY06, the installation continued to operate cleanup systems at OU 1 and long-term management at OUs 3 and 5. Cornhusker AAP also performed chemical characterization and the removal of contaminated soils at Load Lines 1 and 2. The installation also completed the explosives safety removal and certification of Load Line 4 and started an explosives safety submission for six additional areas. Under the MMRP,

Cornhusker AAP completed the site inspection (SI). The installation also started an engineering evaluation and cost analysis (EE/CA) for future accelerated interim cleanup at the OU 5 open burning and open detonation (OB/OD) ground.

In FY07, Cornhusker AAP accelerated the operation of cleanup systems at OU 1. The installation also started the performance-based contract for full cleanup of discarded military munitions and environmental contaminants of concern.

In FY08, Cornhusker AAP continued to accelerate the operation of cleanup systems at OU 1, and removed explosives-contaminated soils at Load Line 4. Cornhusker AAP also submitted an explosives safety submission for No DoD Action Indicated for the sale of additional land.

FY09 IRP Progress

Cornhusker AAP continued to operate the cleanup systems at OU 1 groundwater contaminated area. Cornhusker AAP completed Phase I of an injection program at the site. The installation also received regulatory approval and transferred Load Line 4 property and additional areas.

Regulatory issues delayed the approval for No DoD Action Indicated and public transfer at four sites. Regulatory issues also delayed the approval of the Freon SI for No DoD Action Indicated and public transfer.

FY09 MMRP Progress

Cornhusker AAP awarded and started a performance-based acquisition contract for the removal of explosives at the OB/OD ground.

Administrative issued delayed the removal of explosives from the OB/OD ground. Regulatory issues delayed the approval for the interim cleanup and EE/CA.

Plan of Action

Plan of action items for Cornhusker Army Ammunition Plant are grouped below according to program category.

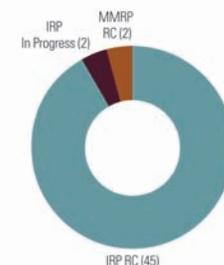
IRP

- Gain approval of the Freon SI for No DoD Action Indicated and public transfer in FY10.
- Gain regulatory approval for No DoD Action Indicated and public transfer at four sites in FY10.
- Complete sampling at OU 3 in FY10-FY11.
- Continue injection program to accelerate cleanup at the groundwater explosives contaminated area in FY10-FY11.
- Continue to accelerate the operation of the cleanup system at OU 1 in FY10-FY11.

MMRP

- Complete explosives removal and sampling at OB/OD ground in FY10.
- Obtain regulatory approval of EE/CA for OB/OD ground in FY10.
- Begin work on the removal and destruction of explosives and soil sampling at the OB/OD ground in FY10-FY11.
- Submit and receive approval of the explosive safety submission for OB/OD ground in FY10-FY11.

FFID:	TX617002278600	Est. CTC (Comp Year):	\$ 6.7 million (FY 2018)
Location (Size):	Dallas, Texas (832 acres)	IRP Sites (Final RIP/RC):	47 (FY2007)
Mission:	Served as a pilot training center	MMRP Sites (Final RIP/RC):	2 (FY2005)
HRS Score:	N/A	Five-Year Review Status:	Completed and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-7-51
Contaminants:	VOCs, SVOCs, POLs, solvents, asbestos, heavy metals		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 83.5 million		



Progress To Date

In July 1993, the BRAC Commission recommended closure of the Dallas Naval Air Station (NAS), which served as a pilot training center. The installation closed in September 1998. After the base was closed, operations transferred to Fort Worth NAS. A number of the industrial operations that supported the installation’s military mission contributed to contamination. For investigations of environmental conditions, the installation was divided into six areas, categories A through F, based on operations and property ownership. In FY94, Dallas NAS formed a BRAC cleanup team to develop a process for cleanup of sites, and developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, and established an information repository. The RAB adjourned in FY05. The installation established a local redevelopment authority and adopted a land reuse plan. During FY96, the installation completed a community relations plan.

The installation has completed a RCRA facility assessment, which identified solid waste management units (SWMUs) and areas of concern. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified. Cleanup progress at Dallas NAS for FY05 through FY08 is summarized below.

In FY05, Dallas NAS submitted response action completion reports for 84 soil sites for review. Dallas NAS also continued long-term operation (LTO) and long-term management (LTM) for the remaining sites. The RAB adjourned due to the specified environmental cleanup standards and funding provided in the settlement agreement between the City of Dallas and the Navy.

In FY06, Dallas NAS completed site restoration and groundwater excavation at SWMUs 18 and 85 by engineering maintenance and control. The installation continued LTO/LTM for the remaining sites. The installation also completed monitored cleanup using natural processes at SWMU 35 and began the report.

In FY07, Dallas NAS submitted a groundwater cleanup report, conducted groundwater sampling for the base, and completed

cleanup using natural processes at 13 sites within groundwater contamination areas. The installation also submitted a response action completion report for SWMU 35 groundwater and an annual response action effectiveness report for 13 groundwater contaminated areas.

In FY08, Dallas NAS conducted semiannual groundwater sampling for the base and completed an annual response action effectiveness report for 13 groundwater contaminated areas. The installation completed the closure activities report for the oil-water separator at Building 1424. The installation received concurrence for no further action for soil removal activity and the SWMU 35 groundwater contaminated areas on the base.

FY09 IRP Progress

Dallas NAS submitted a response action effectiveness report and continued monitoring at 12 groundwater contaminated areas. The installation submitted revised corrective action plans to the State of Texas, which realigned actions from cleanup using natural processes to institutional controls that minimized potential for human exposure at SWMUs 21, 136 Central, and 136 South. The installation also determined that no further cleanup action was necessary at SWMU 139.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Dallas Naval Air Station are grouped below according to program category.

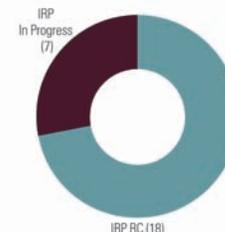
IRP

- Continue monitoring at 12 groundwater contaminated areas in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	RI117002203600	Funding to Date:	\$ 63.0 million
Location (Size):	Davisville, Rhode Island (1,285 acres)	Est. CTC (Comp Year):	\$ 15.9 million (FY 2040)
Mission:	Provided mobilization support to Naval Construction Forces	IRP Sites (Final RIP/RC):	25 (FY2013)
HRS Score:	34.52; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in March 1992	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, PCBs, pesticides, petroleum hydrocarbons, POLs, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-148
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

The Davisville Naval Construction Battalion Center (NCBC) provided mobilization support to Naval Construction Forces. Site types at the installation include landfills, solvent storage and disposal areas, transformer storage areas, spill areas, underground storage tanks, and fire training areas. Contaminants include solvents, polychlorinated biphenyls (PCBs), petroleum/oil/lubricants (POLs), and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1992 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation. Construction battalion training and mobilization activities transferred to the Naval Construction Battalion Center, Gulfport, Mississippi, and to the Naval Construction Battalion Center, Port Hueneme, California. The installation closed in April 1994. The installation established an administrative record and information repository in FY89. Formed in FY88, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, to a Restoration Advisory Board (RAB) in FY94. Also in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup at Davisville NCBC. In FY95, a BRAC cleanup plan was completed to prioritize sites requiring environmental restoration, and in FY96 and FY97, the BRAC cleanup team prepared BRAC business plans and a community relations plan, respectively. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

The installation has completed three Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. In addition, the installation has completed five No Further Action RODs, which determined no further cleanup activities were necessary. Davisville NCBC conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Davisville NCBC for FY05 through FY08 is summarized below.

In FY05, Davisville NCBC continued long-term management (LTM) at Sites 3, 7, and 9. The installation also continued the

environmental baseline survey to determine the presence of potential environmental hazards at Site 21.

In FY06, Davisville NCBC continued LTM at Sites 7 and 9, and the environmental baseline survey at Site 21. The installation reached a settlement with the State of Rhode Island concerning a natural resource damage claim. The installation also submitted delinquent LTM and annual inspection reports to regulators.

In FY07, Davisville NCBC continued interim groundwater sampling at Site 3, and coordinated a sampling event between the Navy's Site 3 and a U.S. Army Corps of Engineers site. The installation also conducted two sampling rounds at Site 7, and completed three rounds of monitoring at Site 9. The installation conducted four RAB meetings and seven BRAC cleanup team meetings.

In FY08, Davisville NCBC completed remedial investigation (RI) fieldwork and submitted a draft report at Site 16. The installation also continued LTM of Sites 3, 7, and 9, and the environmental baseline survey for Site 21. Additionally, Davisville NCBC completed a second five-year review report. The installation also conducted three RAB meetings and five BRAC cleanup team meetings.

FY09 IRP Progress

Davisville NCBC continued LTM of Sites 7 and 9, and the environmental baseline survey for Site 21. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Davisville NCBC has identified no MMRP sites.

Plan of Action

Plan of action items for Davisville Naval Construction Battalion Center are grouped below according to program category.

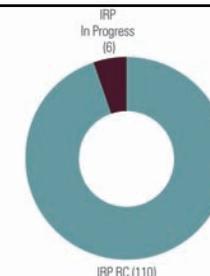
IRP

- Conduct investigation of source areas at Site 7 in FY10.
- Complete fieldwork, revised draft feasibility study, proposed cleanup plan, and ROD for Site 16 in FY10-FY11.
- Complete revision to LTM sampling programs for Sites 7 and 9 in FY10-FY11.
- Complete FS, proposed cleanup plan and ROD for soils at Site 3 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TN497152057000	Funding to Date:	\$ 58.0 million
Location (Size):	Memphis, Tennessee (642 acres)	Est. CTC (Comp Year):	\$ 8.9 million (FY 2016)
Mission:	Stored and distributed clothing, food, medical supplies, electronic equipment, petroleum products, and industrial chemicals	IRP Sites (Final RIP/RC):	116 (FY2010)
HRS Score:	58.06; placed on NPL in October 1992	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in March 1995	Five-Year Review Status:	Completed and planned
Contaminants:	POVs, VOCs, pesticides, heavy metals, chlorinated solvents	IRP/MMRP Status Table:	Refer to page C-7-50
Media Affected:	Groundwater and Soil		



Progress To Date

Defense Distribution Depot (DDD) Memphis stored and distributed clothing, food, medical supplies, electronic equipment, petroleum products, and industrial chemicals until FY97. Contamination resulted from leakage, spillage, disposal, and the normal application of pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1992. DoD, EPA, and the Tennessee Department of Environment and Conservation signed a federal facility agreement (FFA) in 1995 to outline how the were going to proceed with cleanup. In 1995, the BRAC Commission recommended closure of DDD Memphis. The BRAC cleanup team developed a BRAC cleanup plan with community input in FY96 to prioritize sites requiring environmental restoration. In FY93, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY98, DDD Memphis developed a community relations plan. In FY01 and FY02, the RAB received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

DDD Memphis is divided into two areas: the Main Installation and Dunn Field. The installation divided all CERCLA sites and former underground storage tanks into four Operable Units. DDD Memphis has signed three RODs for the Main Installation and Dunn Field, and the installation amended the Dunn Field ROD in FY09. DDD Memphis has transferred 381 acres of the Main Installation and 41 acres of Dunn Field. Cleanup progress at DDD Memphis for FY05 through FY08 is summarized below.

In FY05, DDD Memphis found the eastern half of Dunn Field suitable for transfer. EPA and the Tennessee Department of Environment and Conservation approved the Main Installation cleanup action work plan. DDD Memphis completed the early implementation of the selected remedy fieldwork, and EPA and Tennessee Department of Environment and Conservation approved the associated cleanup completion report. DDD Memphis completed an annual inspection of the land use control implementation plan, which restricts the use of or access to Main Installation sites.

In FY06, DDD Memphis transferred a portion of the Main Installation, and offered the remaining property found suitable

to transfer for public sale. DDD Memphis completed cleanup of disposal sites at Dunn Field, and received EPA and Tennessee Department of Environment and Conservation approval of the associated report. The installation also completed construction and began enhanced bioremediation at the Main Installation. The installation also completed its annual inspection of the implementation plan for land use controls at the Main Installation.

In FY07, DDD Memphis completed a cleanup design for contamination source areas, the two associated cleanup action work plans, and constructed a fluvial soil vapor extraction (SVE) system at Dunn Field. The installation transferred the golf course on the Main Installation to the City of Memphis. The installation held a public sale for the remainder of the 41 transferable acres of Dunn Field. DDD Memphis completed the annual inspection of land use controls at the Main Installation.

In FY08, DDD Memphis continued fluvial SVE at Dunn Field. The Depot completed the annual inspection of land use controls at the Main Installation. Additionally, the installation achieved groundwater cleanup goals, and turned off 5 of 11 extraction wells used for groundwater interim cleanup at Dunn Field.

FY09 IRP Progress

DDD Memphis completed the ROD amendment for Dunn Field. EPA and the Tennessee Department of Environment and Conservation approved the off-depot groundwater cleanup design for Dunn Field, and DDD Memphis began constructing the air sparging SVE system to reduce contaminant concentrations. DDD Memphis completed the enhanced bioremediation treatment at the Main Installation, resulting in an over 80 percent reduction of contaminants. The installation also completed a source areas thermal-enhanced SVE, and the annual inspection of land use controls at the Main Installation. DDD Memphis submitted a document finding the remainder of Dunn Field suitable for transfer, and shut down the groundwater pump and discharge system at Dunn Field. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues and changes in estimating criteria.

DDD Memphis conducted one RAB meeting, one administrative RAB meeting, one public comment meeting on the Dunn Field

revised proposed plan, and one public briefing on the cleanup design.

FY09 MMRP Progress

DDD Memphis has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Defense Distribution Depot Memphis are grouped below according to program category.

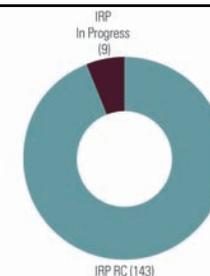
IRP

- Complete documents finding the remainder of Dunn Field and the Main Installation suitable for transfer, and conduct public comment periods and meetings in FY10.
- Obtain an operating properly and successfully determination from EPA for cleanup action at the Main Installation in FY10.
- Complete construction and begin operation of the off-depot groundwater cleanup action at Dunn Field in FY10.
- Complete annual inspections of land use controls at the Main Installation and Dunn Field in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA997152083200	Funding to Date:	\$ 78.5 million
Location (Size):	Lathrop, California (724 acres)	Est. CTC (Comp Year):	\$ 87.9 million (FY 2047)
Mission:	Receive, store, and distribute supplies, materials, and equipment	IRP Sites (Final RIP/RC):	152 (FY2012)
HRS Score:	42.24; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG signed in March 1989	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, heavy metals, POLs, TCE, pesticides	IRP/MMRP Status Table:	Refer to page C-6-31
Media Affected:	Groundwater and Soil		



Progress To Date

Defense Distribution Depot (DDD) San Joaquin, Sharpe Facility began operation in 1941 as a supply and maintenance center. Activities at the property have included overhauls, repairs, painting, paint stripping, metal finishing, and degreasing of aircraft and heavy construction equipment. Investigations have identified contaminated groundwater, soil, and building sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in March 1989 to outline how they were going to proceed with cleanup. DDD San Joaquin, Sharpe Facility developed a community relations plan, which the installation updated in FY07. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

To date, DDD San Joaquin, Sharpe Facility has completed two Records of Decision (RODs), selecting cleanup actions for Operable Unit (OU) 1 groundwater cleanup in FY93 and the OU 2 soil cleanup in FY96. Cleanup progress at DDD San Joaquin, Sharpe Facility for FY05 through FY08 is summarized below.

In FY05, DDD San Joaquin, Sharpe Facility obtained EPA and state approval on a plan to complete environmental cleanup. The installation also performed operations and maintenance (O&M), and improved groundwater treatment systems and groundwater monitoring.

In FY06, DDD San Joaquin, Sharpe Facility continued O&M, monitoring, and optimization of the groundwater treatment systems and the groundwater monitoring well network. The installation also started a plan to complete cleanup by investigating alternative treatment technology and cleanup using natural processes.

In FY07, DDD San Joaquin, Sharpe Facility finished updating the community relations plan. The installation continued O&M, improvements to the groundwater treatment systems, and groundwater monitoring. The installation also implemented the response completion plan that reviews the selected cleanup actions, and develops approaches to complete cleanup and close the site. The plan included the submission of alternative

treatment technology and additional contaminated area delineation work plans to regulators.

In FY08, DDD San Joaquin, Sharpe Facility continued O&M of groundwater treatment systems, groundwater monitoring, and implementation of the cleanup completion plan. The installation finished cleanup at OU 2 Site S 26, and completed the cleanup report and additional evaluations of the plan to delineate contamination.

FY09 IRP Progress

DDD San Joaquin, Sharpe Facility continued O&M of groundwater treatment systems, associated compliance actions, and groundwater monitoring. The installation also finalized the groundwater contaminated area delineations and evaluations, and submitted findings to regulators. Additionally, DDD San Joaquin, Sharpe Facility installed an alternative discharge line for treated groundwater. The installation submitted a draft ROD amendment and proposed plan for OU 2 to regulators. DDD San Joaquin, Sharpe Facility completed three alternative technology field pilot studies in accordance with the cleanup completion plan, and completed two associated performance evaluations. DDD San Joaquin, Sharpe Facility completed its second five-year review report.

Technical issues delayed completion of the ROD amendment for OU 2.

FY09 MMRP Progress

DDD San Joaquin, Sharpe Facility has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Defense Distribution Depot San Joaquin, Sharpe Facility are grouped below according to program category.

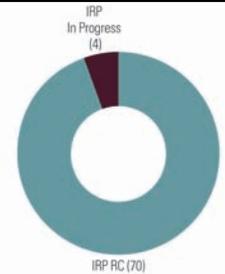
IRP

- Complete the ROD amendment for OU 2 in FY10.
- Begin an engineering evaluation and cost analysis, a PP, and a ROD amendment for OU 1 in FY10.
- Continue O&M of groundwater treatment systems, associated compliance actions, and groundwater monitoring in FY10.
- Complete the third alternative pilot study technology evaluation in FY10.
- Begin work plan and install the soil vapor extraction system at Site P-5A in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA997150682700	Funding to Date:	\$ 104.5 million
Location (Size):	Tracy, California (908 acres)	Est. CTC (Comp Year):	\$ 16.2 million (FY 2024)
Mission:	Store and distribute medical, textile, food, electronic, industrial, construction, chemicals, and other supplies and equipment	IRP Sites (Final RIP/RC):	74 (FY2010)
HRS Score:	37.16; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in 1991	Five-Year Review Status:	Completed and planned
Contaminants:	Chlorinated solvents, heavy metals, pesticides, POLs, VOCs	IRP/MMRP Status Table:	Refer to page C-6-32
Media Affected:	Groundwater and Soil		



Progress To Date

Defense Distribution Depot (DDD) San Joaquin, Tracy Facility stores and distributes supplies and equipment for DoD. Sites include burn and disposal pits, underground storage tanks, hazardous waste storage sites, and other contaminated areas. The installation identified contaminated on-site soil and groundwater, and off-site groundwater. The potential risk to human health and the environment was significant enough for EPA to place DDD San Joaquin, Tracy Facility on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991 to outline how they were going to proceed with cleanup. The installation established a community relations plan in 1994, and updated it in FY04 and FY06. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, DDD San Joaquin, Tracy Facility has signed two Records of Decision (RODs): one selected cleanup actions for groundwater contamination, and the other selected cleanup actions for all sites at the installation. Cleanup progress at DDD San Joaquin, Tracy Facility for FY05 through FY08 is summarized below.

In FY05, the installation completed a five-year review report, which included an outline of the draft response completion plan. The installation performed operations and maintenance (O&M), optimized groundwater treatment systems, and monitored soil and groundwater. Additionally, the installation continued soil vapor extraction (SVE) to remove trichloroethylene (TCE) and tetrachloroethylene (PCE) from the soil.

In FY06, DDD San Joaquin, Tracy Facility shut down one of the two groundwater treatment systems. The installation continued O&M, optimization of groundwater treatment systems, and soil and groundwater monitoring. DDD San Joaquin, Tracy Facility also continued SVE for TCE and PCE in the soil. The installation updated the community relations plan.

In FY07, DDD San Joaquin, Tracy Facility continued O&M, optimization of groundwater treatment systems, and soil and groundwater monitoring. The installation also conducted a groundwater cleanup investigation to evaluate the effectiveness of groundwater cleanup using natural processes. DDD San

Joaquin, Tracy Facility continued SVE to remove TCE and PCE in the soil.

In FY08, DDD San Joaquin, Tracy Facility continued O&M, optimization of groundwater treatment systems, and soil groundwater monitoring. The installation completed and submitted the response completion plan to regulators. In addition, the installation conducted an investigation at Site WH 10 (Solid Waste Management Unit [SWMU] 20) to delineate extent of soil and groundwater contamination. DDD San Joaquin, Tracy Facility began preparing a cleanup improvement work plan for Operable Unit (OU) 1.

FY09 IRP Progress

DDD San Joaquin, Tracy Facility continued O&M, optimization of groundwater treatment systems, and soil groundwater monitoring. The installation completed the groundwater investigation at SWMU 20, installed two extraction wells, and conducted pump tests in the northwest corner of the North Depot Dieldrin site. The installation also completed a rebound test, which evaluated groundwater volatile organic compound (VOC) concentrations at OU 1, and the cleanup action improvement work plan. DDD San Joaquin, Tracy Facility completed the installation and operation of the SVE system at Area 1, and conducted on- and off-depot groundwater investigations. The installation determined that no further cleanup actions were necessary at Areas 2 and 3.

Technical issues delayed completion of a preliminary close-out report for all sites at the installation, as well as the completion of SVE operations, the cleanup action report, and the ROD amendment for OU 2. Technical issues also delayed the preparation and submittal of the proposed plan (PP) and ROD amendment for the northwest corner of the North Depot Dieldrin site.

FY09 MMRP Progress

DDD San Joaquin, Tracy Facility has identified no sites suspected to contain contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Defense Distribution Depot San Joaquin, Tracy Facility are grouped below according to program category.

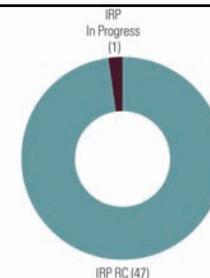
IRP

- Complete the feasibility study, PP, and OU 1 ROD Amendment for the northwest corner of the North Depot Dieldrin site in FY10.
- Install and operate the SVE system at SWMU 20 in FY10.
- Prepare the second five-year review report in FY10.
- Conduct sampling at Area 1 to determine if no further cleanup is necessary in FY10.
- Complete preliminary close out report for all sites in FY10.
- Complete SVE operations, cleanup action report, and ROD amendment at OU 2 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	PA397154266500	Media Affected:	Groundwater and Soil
Location (Size):	Philadelphia, Pennsylvania (87 acres)	Funding to Date:	\$ 32.4 million
Mission:	Procured and distributed food, clothing and textiles, medical supplies and equipment, and general and industrial items in support of the DoD military services, federal and civil agencies, and foreign countries; and to ensure military readiness	Est. CTC (Comp Year):	\$ 9.4 million (FY 2012)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	48 (FY2003)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	POLs, PCBs, pesticides, asbestos	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-7-46



Progress To Date

The mission of Defense Supply Center (DSC) Philadelphia (formerly Defense Personnel Support Center Site) was procurement and distribution of food, clothing and textiles, medical supplies and equipment, and general and industrial items. Sites include underground storage tanks, aboveground storage tanks, pesticide management areas, hazardous waste management areas, polychlorinated biphenyl (PCB)-containing transformers, asbestos-contaminated areas, and former railroad track areas. Studies have indicated that the contamination originated off-site and migrated onto DSC Philadelphia. In July 1993, the BRAC Commission recommended closure of the installation, and relocated its mission to the Naval Support Activity Philadelphia. DSC Philadelphia formed a BRAC cleanup team in FY94 to develop a process for cleanup of sites. In FY95, the installation established a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY05, the installation began to establish an administrative record.

The only Installation Restoration Program (IRP) site currently open and undergoing cleanup is the subsurface groundwater petroleum hydrocarbon-contaminated site, which lies under large portions of the installation and is managed by the Defense Energy Support Center (DESC). The installation closed five IRP sites in FY01, one IRP site in FY03, and three IRP sites in FY04. Remaining IRP sites, aside from the hydrocarbon-contaminated area, were closed prior to FY01. Cleanup progress at DSC Philadelphia for FY05 through FY08 is summarized below.

In FY05, DSC Philadelphia began incorporating data into a draft administrative record. DESC completed the construction of a vacuum-enhanced cleanup system. DSC Philadelphia, DLA, and DESC continued discussions with the Army on environmental responsibilities, actions, and timelines.

In FY06, DESC completed testing and began to operate a vacuum-enhanced cleanup system to extract petroleum vapors. DESC completed the installation of six deep and four intermediate monitoring wells.

In FY07, installed seven additional deep and seven intermediate wells. The installation also completed groundwater sampling and analysis at the deep and intermediate wells.

In FY08, DESC installed vapor liners in the Philadelphia Housing Authority building and eight newly constructed townhouses. These liners will protect buildings from the potential intrusion of vapors from contaminated groundwater.

FY09 IRP Progress

DESC continued to operate the vacuum-enhanced cleanup system. The cost of completing environmental restoration has changed significantly due to technical and regulatory issues and changes in estimating criteria.

Administrative issues delayed access agreements for the sampling of existing monitoring wells and the installation of new monitoring wells at the former Passyunk Homes site. Administrative issues also delayed the submittal of Pennsylvania Act 2 documentation and the installation of three deep wells. Technical issues delayed finishing repair work on damaged vacuum lines on the vapor extraction portion of the system, and restarting operation of the cleanup system on the Philadelphia Housing Authority site.

The installation held a meeting with members of the RAB, Pennsylvania Department of Environmental Protection, and DLA.

FY09 MMRP Progress

DSC Philadelphia has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Defense Supply Center Philadelphia are grouped below according to program category.

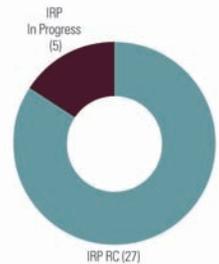
IRP

- Conduct groundwater sampling in the shallow, intermediate, and deep wells, and install three deep wells to further characterize the deep aquifer in FY10.
- Submit Pennsylvania Act 2 documentation (public involvement plan, remedial investigation report, and final cleanup plan) in FY10.
- Finish repairs on the vacuum air lines for the vapor extraction system in FY10.
- Restart operation of the cleanup system on the Philadelphia Housing Authority site in FY10.
- Obtain access agreements for the construction of new monitoring wells at the former Passyunk Homes site in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA397152075100	Funding to Date:	\$ 65.0 million
Location (Size):	Richmond, Virginia (565 acres)	Est. CTC (Comp Year):	\$ 13.7 million (FY 2035)
Mission:	Provide logistics support (aviation weapon system and environmental) for DoD	IRP Sites (Final RIP/RC):	32 (FY2012)
HRS Score:	33.85; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG signed in 1991	Five-Year Review Status:	Completed and planned
Contaminants:	POLs, VOCs, PAHs, solvents, pesticides, metals, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-175
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Defense Supply Center (DSC) Richmond provides aviation weapon systems and environmental logistics support for DoD. Petroleum/oil/lubricants (POLs), polyaromatic hydrocarbons (PAHs), chlorinated volatile organic compounds (VOCs), solvents, metals, and pesticides in the groundwater and soil are the primary contaminants at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1991 to outline how they were going to proceed with cleanup. In FY02, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, and implemented a community relations plan. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY97, FY99, FY02, FY05, and FY08.

Sites have been grouped into 13 Operable Units (OUs). To date, DSC Richmond has signed nine Records of Decision (RODs), selecting cleanup actions for nine OUs. Cleanup progress at DSC Richmond for FY05 through FY08 is summarized below.

In FY05, DSC Richmond removed over 1,200 tons of hazardous waste that threatened to be a principal source of contamination at OU 4, and completed the associated closeout report. The installation completed the DSC Richmond conceptual site model, which is a schematic diagram of the contaminated area, and the management action plan to identify and manage the restoration program requirements. DSC Richmond completed the proposed plan (PP) for OU 12. Additionally, the installation developed an implementation plan for land use controls (LUCs), which restrict the use of or access to sites, as well as risk assessments for OUs 10 and 11. RAB meetings continued.

In FY06, DSC Richmond signed the installation's first ROD for groundwater (OU 8). DSC Richmond also completed risk assessments and feasibility studies (FSs) to evaluate cleanup alternatives at OUs 10 and 11. DSC Richmond completed a ROD for OU 12, and began installing a cleanup system. Additionally, the installation completed the PP and FS for OU 8. RAB meetings continued.

In FY07, DSC Richmond completed RODs for OUs 10 and 11. The installation constructed a large-scale groundwater treatability study for OUs 6 and 7. DSC Richmond finalized an explanation of significant differences for OU 1, which determined that cleanup was complete, and the cleanup completion report for OU 12. The RAB held monthly meetings.

In FY08, DSC Richmond completed a PP and ROD for OU 2; a design for cleanup and installation of cleanup systems for OUs 8, 10, and 11; and a five-year review report, which included OUs 1, 3, 6, and 8 through 12. DSC Richmond also completed a ROD amendment for OU 9, a screening-level assessment of potential risks to the environment for OU 13, and a report on the cleanup systems for OUs 10 and 11. Additionally, DSC Richmond removed the soil vapor extraction system at OU 8.

FY09 IRP Progress

DSC Richmond completed a cleanup design for OU 2 and an FS for OU 13. The installation also completed a final LUC implementation plan and the corresponding inspection report for OUs 10 and 11. DSC Richmond decommissioned both the OU 9 pump-and-treat groundwater system and the post exchange gas station bailing system at OU 9. The installation completed a management action plan. The cost of completing environmental restoration has changed significantly due to technical and regulatory issues and changes in estimating criteria.

Regulatory issues delayed completion of a ROD for OU 13. Technical issues delayed completion of an FS for OUs 6 and 7.

FY09 MMRP Progress

DSC Richmond has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Defense Supply Center Richmond are grouped below according to program category.

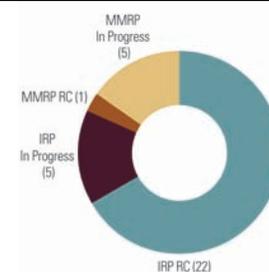
IRP

- Complete FS for OUs 6 and 7 in FY10.
- Complete a PP and a ROD for OU 13 in FY10.
- Complete cleanup construction at OU 2 in FY10.
- Complete additional groundwater investigation at OU 8 in FY10.
- Complete the land use control implementation plan and inspections for all sites in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	UT821382026500	Funding to Date:	\$ 23.3 million
Location (Size):	Tooele, Utah (19,364 acres)	Est. CTC (Comp Year):	\$ 196.7 million (FY 2016)
Mission:	Plan and execute the storage and disposal of chemical weapons	IRP Sites (Final RIP/RC):	27 (FY2014)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	6 (FY2016)
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Solvents, heavy metals, explosives, VOCs	IRP/MMRP Status Table:	Refer to page C-6-167
Media Affected:	Groundwater and Soil		



Progress To Date

Deseret Chemical Depot (CD) opened in 1943 as a storage facility for chemical agents. The primary mission of Deseret CD is the storage, surveillance, and demilitarization of chemical ammunition, and to provide installation support for chemical weapons disposal at its two permitted treatment facilities: Tooele Chemical Agent Disposal Facility and Chemical Agent Munitions Disposal Systems. Tooele Chemical Agent Disposal Facility is a full-scale treatment facility with four incinerators used for various decontamination activities associated with chemical agents and munitions. Chemical Agent Munitions Disposal Systems is a research and development facility used to demonstrate technology for chemical munitions handling, disassembly, incineration, pollution control, and treatment of waste. The installation has tested and evaluated various alternatives to incineration for destruction of chemical and conventional munitions at the facility. Past operations and disposals at Deseret CD have resulted in various types of contaminants across the installation. Solvents, heavy metals, and explosives are the primary contaminants, with chemical agent breakdown products being detected at several sites. In 2005, the BRAC Commission recommended Deseret CD for closure after completion of its chemical demilitarization mission.

To date, there are two known releases from solid waste management units (SWMUs) and 27 suspected releases. Cleanup progress at Deseret CD for FY05 through FY08 is summarized below.

In FY05, the installation completed a final Phase II RCRA facility investigation report and a corrective measure study for SWMU 22.

In FY06, Deseret CD started an environmental condition of property report, which summarizes the environmental conditions of all transferable property. This was in response to the BRAC Commission's recommendation to close Deseret CD.

In FY07, Deseret CD began a baseline risk assessment.

In FY08, Deseret CD completed soil sampling activities at SWMU 3. The installation also started the first phase of a soil gas study at SWMUs 1 and 25. Additionally, Deseret CD

continued groundwater monitoring at the installation, and installed additional monitoring wells in SWMUs 25 and 26.

FY09 IRP Progress

Deseret CD completed the soil gas investigation at SWMU 1 and submitted the draft final document to the Utah Department of Environmental Quality for review. The installation also continued cleanup at SWMU 3. Regarding SWMU 19, Deseret CD prepared the work plan, accident prevention plan, and site safety and health plan for the soil gas study. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed groundwater monitoring at the installation. Administrative issues also delayed the completion of the environment condition of property, and completion of cleanup activities at SWMU 3.

FY09 MMRP Progress

Deseret CD prepared and submitted an interim action plan for two sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): DCD 002-R-01 and DCD 006-R-01.

Plan of Action

Plan of action items for Deseret Chemical Depot are grouped below according to program category.

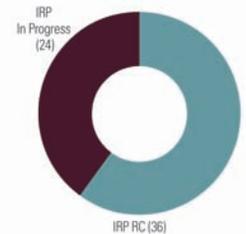
IRP

- Continue groundwater monitoring at the installation in FY10.
- Complete the environment condition of property in FY10.
- Complete cleanup at SWMU 3 and update the Phase II RCRA facility investigation in FY10.
- Complete an investigation at SWMU 29 in FY10.
- Complete soil gas study and a soil vapor intrusion sampling at SWMU 19 in FY10.

MMRP

- Complete soil gas investigation at DCD 006-R-01 in FY10-FY11.
- Conduct interim removal activities and complete Phase II RCRA facility investigation at DCD 002-R-01 and DCD 006-R-01 in FY10-FY11.

FFID:	DE357182401000	Est. CTC (Comp Year):	\$ 30.8 million (FY 2032)
Location (Size):	Dover, Delaware (3,730 acres)	IRP Sites (Final RIP/RC):	60 (FY2007)
Mission:	Provide airlift support for troops, cargo, and equipment	MMRP Sites (Final RIP/RC):	None
HRS Score:	35.89; placed on NPL in March 1989	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in August 1989	IRP/MMRP Status Table:	Refer to page C-6-51
Contaminants:	Solvents, VOCs, petroleum products, SVOCs, metals		
Media Affected:	Surface Water, Sediment, Groundwater, Soil		
Funding to Date:	\$ 89.0 million		



Progress To Date

Dover Air Force Base (AFB) has provided airlift support for troops, cargo, and equipment since 1942. Contaminated site types include solvent spills, fire training areas, landfills, fuel spills, and leaks. Former waste management practices contaminated the shallow groundwater aquifer with petroleum products and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed a federal facility agreement (FFA) in August 1989 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

To date, all of the sites have installed operational cleanup systems or require no further cleanup actions. The installation has signed 6 Records of Decision (RODs), selecting cleanup actions for 39 sites. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Dover AFB for FY05 through FY08 is summarized below.

In FY05, Dover AFB drafted four RODs, which selected groundwater actions at 11 sites and land use controls (LUCs) to restrict access to 22 sites. Dover AFB finalized feasibility studies to evaluate cleanup alternatives for all remaining sites, monitored groundwater contaminated areas, and developed an acceleration initiative to ensure that no further construction of cleanup systems was required by the end of FY06. The installation accepted public comments and held a public meeting on four proposed cleanup plans.

In FY06, Dover AFB signed 6 final RODs for all remaining cleanup actions at 39 sites. The installation also completed four cleanup action plans for five groundwater contaminated areas. Additionally, the installation constructed or implemented final groundwater cleanup systems at 17 sites, and implemented LUCs at all required sites. As a result of the Dover AFB acceleration initiative 34 sites completed the selected cleanup actions.

In FY07, Dover AFB continued operations, maintenance, monitoring, and reporting of groundwater cleanup systems at 24 sites. Additionally, the installation completed groundwater cleanup activities at the remaining petroleum site ahead of schedule, and received state concurrence. The installation also conducted optimization studies, which recommended reducing the installation's monitoring well network by 31 wells and closing one site. Dover AFB completed its first annual monitoring and reporting event for for the installation's LUC activities.

In FY08, Dover AFB completed its second five-year review report, which recommended closing eight sites. Cleanup systems at all remaining sites were found to be protective of human health and the environment, and making progress toward achieving cleanup objectives. The installation continued operations, maintenance, monitoring, and reporting of groundwater cleanup systems at 24 sites; 1 site completed the selected cleanup actions and met cleanup objectives. The Air Force Center for Engineering and the Environment conducted an optimization review at Dover AFB, which concluded that the installation's groundwater cleanup approach was effective.

FY09 IRP Progress

Dover AFB continued operations, maintenance, monitoring, and reporting of groundwater cleanup remedies at 23 sites. This installation continued monitoring at 6 of the 23 sites using natural cleanup processes; and continued injection and monitoring activities at the remaining 14 sites. Dover AFB reduced contaminant concentrations at 2 of the 14 injection sites to levels below cleanup objectives and fuel recovery continued at 3 sites. The installation also submitted final closure documentation to the EPA for the eight sites recommended for closure in the FY08 five-year review report. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Dover AFB has identified no MMRP sites.

Plan of Action

Plan of action items for Dover Air Force Base are grouped below according to program category.

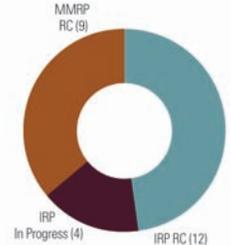
IRP

- Continue operations, maintenance, monitoring, and reporting of groundwater cleanup systems at 23 sites in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AR657002447300	Est. CTC (Comp Year):	\$ 1.0 million (FY 2026)
Location (Size):	Blytheville, Arkansas (3,401 acres)	IRP Sites (Final RIP/RC):	16 (FY1999)
Mission:	Supported bomber and tanker aircraft operations	MMRP Sites (Final RIP/RC):	9 (FY2002)
HRS Score:	N/A	Five-Year Review Status:	Completed and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-7-7
Contaminants:	POLs, VOCs, UXO, metals, SVOCs, petroleum hydrocarbons		
Media Affected:	Groundwater, Sediment, Soil		
Funding to Date:	\$ 30.9 million		



Progress To Date

Eaker Air Force Base (AFB) formerly supported bomber and tanker aircraft operations. Typical environmental site types include underground storage tanks, aboveground storage tanks, oil-water separators, petroleum/oil/lubricant (POL) spill sites, and landfills. Other sites include a fire training area, waste and material storage areas, an explosive ordnance disposal range, a small arms firing range, a trap and skeet range, a JP-4 jet fuel hydrant system, and a bulk fuel storage tank farm. In July 1991, the BRAC Commission recommended closure of Eaker AFB. The installation closed in December 1992. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97 and FY05, the BRAC cleanup team updated the BRAC cleanup plan, which prioritizes sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY00 due to successful cleanup efforts and declining community interest. Eaker AFB completed a community relations plan in FY95. To ensure continuous monitoring and improvement, Eaker AFB completed a five-year review report in FY06.

Environmental studies have identified sites at Eaker AFB suspected to contain contamination for the Installation Restoration Program (IRP). EPA and Eaker AFB signed an administrative consent order indicating that 30 sites were subject to RCRA corrective action and would be addressed under a RCRA facility investigation. In FY99, the installation confirmed no further construction of cleanup systems was required at any IRP sites. The installation completed the deed for the 110-acre golf course and transferred a 155-acre parcel in FY00. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. In FY07, Eaker AFB finalized the closure of all MMRP sites. Cleanup progress at Eaker AFB for FY05 through FY08 is summarized below.

In FY05, Eaker AFB conducted fieldwork associated with the five-year review report and submitted the draft five-year review report to regulators. The installation began evaluating requirements at MMRP sites.

In FY06, the installation completed the five-year review report, which concluded that all remedies remaining at the base continue to be protective of human health and the environment. The installation completed an evaluation of MMRP sites.

In FY07, Eaker AFB completed the five-year performance-based contract (PBC) to operate cleanup activities, as well as for long-term management (LTM) and groundwater monitoring. The installation prepared and submitted the annual LTM status report to regulators, and received regulatory approval for the closure of four IRP sites. Eaker AFB removed all monitoring wells associated with the four sites from service. The installation prepared a statement of work for a regional multi-year PBC to continue cleanup systems operation, LTM, operations and maintenance (O&M), well decommissioning, and other activities. The installation also prepared and submitted documentation to obtain closure for nine MMRP sites.

In FY08, Eaker AFB prepared and submitted an annual LTM status report to regulators. The installation operated cleanup systems, in addition to conducting LTM and groundwater monitoring at four IRP sites. Eaker AFB decided not to pursue a regional multi-year PBC due to technical contracting requirements. Instead, the installation awarded an annual fixed-price contract to continue to operate cleanup systems and to continue LTM and groundwater monitoring.

FY09 IRP Progress

Eaker AFB continued to operate cleanup systems, LTM and groundwater monitoring at four IRP sites. The installation continued to evaluate contracting mechanisms to continue cleanup systems operation, LTM, O&M, well decommissioning, and other activities.

FY09 MMRP Progress

Eaker AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Eaker Air Force Base are grouped below according to program category.

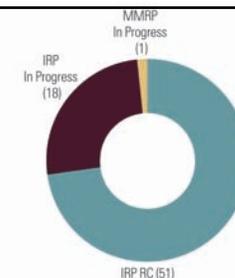
IRP

- Complete five-year review report in FY10.
- Complete annual LTM status report in FY10.
- Reevaluate contracting mechanisms to continue cleanup systems operation, LTM, O&M, well decommissioning, and other activities in FY10-FY11.
- Continue cleanup systems operation, LTM, and groundwater monitoring for four IRP sites in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	NJ217002217200	Funding to Date:	\$ 32.2 million
Location (Size):	Colts Neck, New Jersey (11,134 acres)	Est. CTC (Comp Year):	\$ 7.1 million (FY 2037)
Mission:	Handle, store, renovate, and ship munitions	IRP Sites (Final RIP/RC):	69 (FY2011)
HRS Score:	37.21; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	1 (FY2005)
IAG Status:	FFA signed in December 1990	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, SVOCs, heavy metals, hydrocarbons, petroleum products, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-7-36
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Earle Naval Weapons Station (NWS) handles, stores, renovates, and ships munitions. The sites include landfills, production areas, storage areas, maintenance areas, and disposal areas. Releases of volatile organic compounds (VOCs) and heavy metals from landfills and production areas have contaminated groundwater and soil at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in December 1990 to outline how they were going to proceed with cleanup. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community to a Restoration Advisory Board in FY95. The installation completed a community relations plan in FY90, which was updated in FY98. The installation also established an information repository containing a copy of the administrative record. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

To date, the installation has completed Records of Decision (RODs), which selected cleanup actions at 21 environmental restoration sites and has determined no further cleanup actions were necessary at 13 sites. The installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one site was identified. Cleanup progress at Earle NWS for FY05 through FY08 is summarized below.

In FY05, Earle NWS completed the design and construction for the landfill cap at Site 13. The installation also signed RODs for Sites 1 and 11.

In FY06, Earle NWS signed RODs for Sites 3 and 10.

In FY07, Earle NWS signed RODs for Sites 6, 12, 15, 17, and 26.

In FY08, Earle NWS completed the feasibility study (FS) to evaluate cleanup alternatives and developed the proposed plan for Site 7. The installation also completed five-year review reports for Sites 1 through 6, 10, 13, 15, 17, 19, 20, 23, 26, and 27. The installation continued cleanup, including Classification

Exception Area establishment, for Sites 1, 6, 13, 15, 17, and 26. Under the MMRP, Earle NWS received regulatory concurrence from EPA on no further cleanup action for the Conservation Club Range.

FY09 IRP Progress

Earle NWS completed a proposed cleanup plan, and prepared the work plan, landfill cap, and ROD for Site 7. The installation also prepared documents to require no further cleanup action at Sites 9, 41, and 46. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

No MMRP actions were conducted at this installation.

Plan of Action

Plan of action items for Earle Naval Weapons Station are grouped below according to program category.

IRP

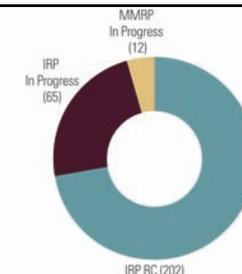
- Establish Classification Exception Areas at Sites 3 through 6, 10, 13, 17, 19, and 26 in FY10-FY11.
- Complete ROD, work plan, and construct landfill cap at Site 7 in FY10-FY11.
- Prepare RODs requiring no further cleanup action at Sites 9, 41, and 46 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA957172450400
Location (Size):	Kern County, California (301,000 acres)
Mission:	Conduct aerospace research, development, testing, and evaluation, and provide support to United States and allies
HRS Score:	33.62; placed on NPL in August 1990
IAG Status:	FFA signed in 1990
Contaminants:	Waste oils, solvents, petroleum hydrocarbons, POLs, rocket fuel, potential CWM, metals, VOCs, SVOCs, PCBs
Media Affected:	Groundwater, Surface Water, Sediment, Soil

Funding to Date:	\$ 377.3 million
Est. CTC (Comp Year):	\$ 893.9 million (FY 2043)
IRP Sites (Final RIP/RC):	267 (FY2012)
MMRP Sites (Final RIP/RC):	12 (FY2016)
Five-Year Review Status:	Planned
IRP/MMRP Status Table:	Refer to page C-6-29



Progress To Date

Edwards Air Force Base (AFB) conducts aerospace research, development, testing, and evaluation. Contaminants include waste oils, solvents, petroleum hydrocarbons, petroleum/oil/lubricants (POLs), rocket fuel, potential chemical warfare materiel (CWM), metals, volatile organic compounds (VOCs), semi-volatile organic compound (SVOCs), and polychlorinated biphenyls (PCBs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Edwards AFB for realignment. In 1995, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community.

To date, studies have identified sites and areas of concern (AOCs) that are divided into 10 operable units (OUs). The installation has signed a Record of Decision (ROD) for OU 6, which selected cleanup actions for this site. In FY07, Edwards AFB completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Edwards AFB for FY05 through FY08 is summarized below.

In FY05, Edwards AFB began cleanup actions including in-place natural, biological, or chemical treatability studies (TSs) at OUs 1, 2, 4, 5, and 9. The installation operated the ion exchange system at Site 285 in OU 5. Edwards AFB finalized the proposed plan (PP) for groundwater contaminated areas in OU 4. The installation also completed removal actions at Sites 275 and 278 at OU 10. The RAB met quarterly.

In FY06, Edwards AFB continued the ion exchange off-site TS at OU 5 and continued the in-place natural, biological, or chemical TSs at OUs 1, 2, 4, 5, 7, and 9. The installation finalized the OU 2 South Base PP and submitted the draft OU 7 CWM feasibility study (FS) report for agency review in order to evaluate cleanup alternatives. The installation and EPA completed and signed the OU 6 ROD. The public reviewed a PP for four of the OU 4 sites and nine additional sites that included a management plan; land use controls (which restrict

use of and access to the sites); monitoring; and the shutdown of a groundwater treatment system. The RAB met quarterly.

In FY07, Edwards AFB completed the Sites 5/14 in-place chemical oxidation TS work plan and installed the system. The installation completed the OU 7 CWM FS report and prepared a draft cleanup action work plan for OU 6. Edwards AFB operated the Site 25 groundwater treatment system and the Site 301 bioaugmentation TS; and successfully demonstrated three-phase heating groundwater treatment. The installation installed a groundwater treatment system at Sites 225 and 298.

In FY08, Edwards AFB completed the OU 4/9 soils and debris PP and ROD. The installation also completed the OU 7 CWM PP and the draft ROD. Edwards AFB completed remedial investigations (RIs) at OUs 5/10, 7, and 8 addendum. Edwards AFB completed an FS for OU 1 and an in-place chemical oxidation TS at OU 2 (Sites 5/14). The installation optimized cleanup at OU 1 (Site 16) and Site 18. Edwards AFB conducted the cleanup action work plan for OU 2 Site 29 Landfill Debris and OU 6. Edwards AFB completed the MMRP site inspection (SI) fieldwork and drafted the report.

FY09 IRP Progress

Edwards AFB completed FSs for OUs 4/9 and 8 (Site 25). The installation finalized cleanup action work plans for OU 4/9 South Air Force Research Laboratory. Edwards AFB also finalized the OU4/9 Air Force Research Laboratory Arroyos PP. Edwards AFB signed RODs for OUs 2 and 7 CWM. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the FS for OU 5/10 and PPs for OUs 1 and 7 (Site 3).

FY09 MMRP Progress

Edwards AFB was awarded a contract to perform surface clearance for three areas.

Regulatory issues delayed completion of the SI report, and administrative issues delayed the RI.

Plan of Action

Plan of action items for Edwards Air Force Base are grouped below according to program category.

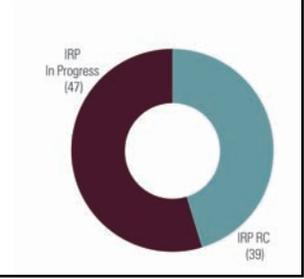
IRP

- Complete FSs for OUs 5/10, 7, and 9 Northeast Air Force Research Laboratory in FY10.
- Complete PP for OUs 1, 7 (Site 3), and 8 (Site 25) in FY10.
- Complete cleanup action work plan for OU 2 (Sites 5/14, 76, and 86) in FY10.
- Complete ROD for OUs 4/9 Air Force Research Laboratory Arroyos in FY10.
- Conduct cleanup vapor monitoring for indoor air at South Air Force Research Laboratory in FY10.

MMRP

- Complete the SI report for three areas in FY10.
- Begin expanded SI for one area in FY10.
- Complete RI in FY10.
- Finalize expanded SI for one area in FY11.
- Complete surface clearance of areas in FY11.

FFID:	AK057302864600	Est. CTC (Comp Year):	\$ 6.0 million (FY 2032)
Location (Size):	Fairbanks, North Star Borough, Alaska (19,790 acres)	IRP Sites (Final RIP/RC):	86 (FY2006)
Mission:	Provide tactical air support to Pacific Air Forces	MMRP Sites (Final RIP/RC):	None
HRS Score:	48.14; placed on NPL in November 1989	Five-Year Review Status:	Completed and planned
IAG Status:	IAG signed in May 1991	IRP/MMRP Status Table:	Refer to page C-7-3
Contaminants:	POLs, benzene, VOCs, PCBs, solvents, heavy metals		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 63.3 million		



Progress To Date

The mission of Eielson Air Force Base (AFB) is to provide tactical air support to Pacific Air Forces. Sites include fire training areas, landfills, spill sites (SSs), aboveground storage tanks, underground storage tanks, and disposal pits (DPs). Primary contaminants affecting groundwater and soil are petroleum/oil/lubricants (POLs), benzene, and chlorinated solvents. Additional contaminants include heavy metals, volatile organic compounds (VOCs), and polychlorinated biphenyls (PCBs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed an interagency agreement (IAG) in May 1991 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Eielson AFB for realignment. In FY95, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, Eielson AFB completed five-year review reports in FY98, FY03, and FY08.

Eielson AFB cleanup sites are grouped into 6 operable units (OUs); 24 sites require no further cleanup actions. To date, the installation has signed six Records of Decision (RODs) for OUs 1 through 8, which selected cleanup actions at these sites. There are amendments to the RODs for OUs 2 through 5. In FY05, Eielson AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Eielson AFB for FY05 through FY08 is summarized below.

In FY05, Eielson AFB completed the cleanup system repair and upgrade for Storage Tank (ST) 13 and DP 26. The installation also completed sampling and analysis of all monitoring wells. The current measures at Garrison Slough remained protective, including fish removal. The RAB co-chairs suspended regularly scheduled meetings and met as needed. An annual fact sheet conveyed environmental cleanup information to the surrounding communities.

In FY06, the installation removed SS 68 from the environmental cleanup program. Future activities will be addressed through the compliance program using the State of Alaska cleanup

standards. Eielson AFB awarded a munitions sweep contract for Garrison Slough. The Eielson AFB RAB merged with the U.S. Army Corps of Engineers (USACE) FUDS program for the Eielson Farm Road Anti-Aircraft Artillery site. The combined RAB met to discuss USACE's proposed plan for cleanup efforts at the site.

In FY07, Eielson AFB collected groundwater data for selected environmental cleanup program sites. The base also completed the fish removal initiative at Garrison Slough. In addition, Eielson AFB completed the munitions sweep of Garrison Slough and began an MMRP preliminary assessment (PA).

In FY08, Eielson AFB completed the operation of cleanup systems at four sites in OU 2 and two sites in OU 3. The installation assembled a cleanup process optimization team comprised of federal and state regulators, and successfully moved several POL sites to the land use control (LUC) phase, which will restrict access to the sites. Eielson AFB completed the third five-year review report, which included a finalized LUC management plan. Eielson AFB evaluated data collected at Waste Pit (WP) 45 and SS 57 to determine the applicability of a future project for enhanced trichloroethylene (TCE) cleanup. Under the MMRP, Eielson AFB completed PA fieldwork.

FY09 IRP Progress

Eielson AFB completed the installation of cleanup systems at SS 57 and WP 45. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed the replacement of the water supply at Well C. Regulatory issues delayed an evaluation of Garrison Slough for PCB source removal.

FY09 MMRP Progress

Eielson AFB completed a PA and identified one site for further inspection: a former recreational trap range. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Eielson Air Force Base are grouped below according to program category.

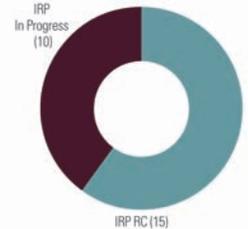
IRP

- Conduct groundwater treatment study at SS 57 and WP 45 in FY10.
- Complete the risk evaluation for Garrison Slough in FY10.
- Complete source evaluation process site evaluation and work plan in FY10.
- Conduct source evaluation process Phase I investigation near Engineer Hill in FY10.
- Replace water supply at Well C in FY10.

MMRP

- Conduct site inspection of trap range in FY10.

FFID:	CA917302320800	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Irvine, California (4,738 acres)	Funding to Date:	\$ 153.4 million
Mission:	Served as the primary Marine Corps jet fighter facility on the West Coast; provide materials and support for Marine Corps aviation activities; provide housing for Marine Corps personnel	Est. CTC (Comp Year):	\$ 60.7 million (FY 2042)
HRS Score:	40.83; placed on NPL in February 1990	IRP Sites (Final RIP/RC):	25 (FY2014)
IAG Status:	FFA signed in October 1990	MMRP Sites (Final RIP/RC):	None
Contaminants:	Herbicides, SVOCs, heavy metals, TCE and other VOCs, petroleum hydrocarbons, PCBs, pesticides	Five-Year Review Status:	Completed
		IRP/MMRP Status Table:	Refer to page C-6-23



Progress To Date

El Toro Marine Corps Air Station (MCAS) served as the primary Marine Corps jet fighter facility on the West Coast, providing materials and support for Marine Corps aviation activities. Sites at the installation are grouped into three operable units (OUs): volatile organic compound (VOC)-contaminated regional groundwater (OU 1), sites potentially contributing to groundwater contamination (OU 2), and all remaining CERCLA sites (OU 3). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of this installation and transfer of its aircraft, personnel, equipment, and support to Miramar Naval Air Station and Camp Pendleton Marine Corps Base. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and developed a BRAC cleanup plan to prioritize sites requiring environmental restoration. The technical review committee, which was responsible for communicating cleanup progress with the community, converted to a Restoration Advisory Board (RAB) in FY94. In FY05, the installation updated its community relations plan. To ensure continuous monitoring and improvement, El Toro MCAS completed a five-year review report in FY09.

To date, approximately 3,736 acres have been transferred or found suitable for transfer. The installation also has completed 11 Records of Decision (RODs), which selected cleanup actions for 21 sites at environmental restoration activities began. The installation signed RODs, which determined no further cleanup activities were necessary, and obtained regulatory concurrence for 399 underground storage tank sites, 12 aerial-photography anomaly sites, and 12 aboveground storage tanks. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at El Toro MCAS for FY05 through FY08 is summarized below.

In FY05, El Toro MCAS completed fieldwork for cleanup at Site 11 (Transformer Storage Area). In addition, the installation completed design for cleanup and began cleanup field activities at Site 24 groundwater. The installation also completed the

community relations plan update and held BRAC cleanup team and RAB meetings.

In FY06, El Toro MCAS completed the ROD for Site 24, exploratory digging at 43 locations, and soil sampling at various JP5 pipeline features. The installation determined no further action necessary for 11 aircraft direct refueling stations; approximately 3,100 linear feet of primary pipelines; and 1,600 linear feet of secondary pipelines.

In FY07, El Toro MCAS completed the ROD for Sites 8 and 12. The installation also completed a remedial investigation report and draft feasibility study (FS) to evaluate cleanup alternatives for Site 1. The installation completed a supplemental groundwater evaluation for Anomaly Area 3. Additionally, El Toro MCAS completed the final operating properly and successfully (OP&S) report for Site 16, a final operations and maintenance (O&M) manual for Sites 18 and 24, and a final interim cleanup completion report for Site 24. The installation completed treatment and confirmation sampling.

In FY08, El Toro MCAS completed RODs, began a design for cleanup, and started cleanup actions at Sites 3 and 50. El Toro MCAS completed the draft final O&M manual and the final cleanup cap construction for Sites 2 and 17; revegetation continued. The installation issued the final radiological release report for Building 297. In addition, the installation found approximately 3.9 acres of public sale property suitable to transfer. El Toro MCAS and regulators distributed a fact sheet with groundwater cleanup updates and cleanup objectives for Sites 18 and 24.

FY09 IRP Progress

El Toro MCAS continued O&M and long-term management (LTM) activities and began a pilot test for groundwater at Sites 1 and 2. The installation also completed the design for cleanup and started cleanup actions for field activities at Sited 8 and 12. El Toro MCAS also completed a draft OP&S report for Site 24. The installation completed the cleanup design, started cleanup actions, completed a fact sheet, and completed the draft O&M and LTM plan for Site 3 and 5. El Toro MCAS completed landfill caps, drafted the cleanup completion report, and completed the long-term O&M plan for Sites 2 and 17. The installation published a fact sheet for groundwater cleanup and obtained

unrestricted radiological release for Building 297 from the California Department of Toxic Substances Control. El Toro MCAS completed a five-year review report for Sites 2, 16, 17, 18, and 24.

FY09 MMRP Progress

El Toro MCAS has identified no MMRP sites.

Plan of Action

Plan of action items for El Toro Marine Corps Air Station are grouped below according to program category.

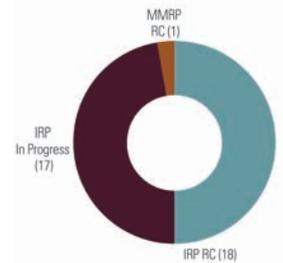
IRP

- Obtain OP&S designation for Site 24 in FY10-FY11.
- Complete cleanup at Sites 8 and 12 and obtain unrestricted use at Site 8 in FY10-FY11.
- Complete cleanup at Sites 3 and 5 in FY10-FY11.
- Complete ROD, design for cleanup, and begin cleanup at Anomaly Area 3 in FY10-FY11.
- Complete pilot studies for groundwater, FSs, and draft proposed plans for Sites 1 and 2 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	SD857212464400	Funding to Date:	\$ 86.2 million
Location (Size):	Rapid City, South Dakota (4,858 acres)	Est. CTC (Comp Year):	\$ 1.7 million (FY 2015)
Mission:	Maintain a combat-ready force capable of executing long-range bombardment operations	IRP Sites (Final RIP/RC):	35 (FY2002)
HRS Score:	33.62; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	1 (FY2003)
IAG Status:	FFA signed in January 1992	Five-Year Review Status:	Completed and planned
Contaminants:	Solvents (including TCE), POLs, lead, low-level radioactive waste	IRP/MMRP Status Table:	Refer to page C-7-50
Media Affected:	Groundwater and Soil		



Progress To Date

Ellsworth Air Force Base (AFB) maintains a combat-ready force capable of executing long-range bombardment operations. Site types include landfills, underground storage tanks, maintenance areas, a fire training (FT) area, and a low-level radioactive waste burial site. Groundwater and soil contamination resulted from releases of trichloroethylene (TCE) and petroleum/oil/lubricants (POLs) at these sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. In FY95, the base formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for 13 sites in FY00 and FY05.

To date, Ellsworth AFB has grouped sites into 12 operable units (OUs). The installation signed Records of Decision (RODs) for OUs 01 through 10 and OU 12, which selected cleanup actions at these sites. Two sites are not located on Ellsworth AFB: Other (OT) site 18 (Badlands Bombing Range) and Radioactive Waste (RW) site 27 (Sundance Portable Medium Power Plant [PM] 1 Reactor Site). In FY05, the installation updated its inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Ellsworth AFB for FY05 through FY08 is summarized below.

In FY05, Ellsworth AFB added information and reformatted data into an expanded preliminary assessment and site inspection for RW 27 (Sundance PM 1 Reactor Site), and continued to operate cleanup systems and long-term management (LTM) at selected sites. Ellsworth AFB awarded a performance-based contract covering the closure of 13 environmental program cleanup sites. The installation also conducted outreach in support of the cleanup at OT 18 (Badlands Bombing Range). Ellsworth AFB completed its second five-year review report.

In FY06, Ellsworth AFB continued operating cleanup systems and LTM at selected sites. The installation began treatability studies at OU 04 and OT 20. The installation continued

outreach in support of the cleanup at OT 18 (Badlands Bombing Range).

In FY07, EPA Region 8 delisted 10 of the 12 OUs at Ellsworth AFB from the NPL; the 2 remaining NPL sites are OT 20 and FT 01. The installation continued operating cleanup systems and LTM at selected sites. The installation implemented full-scale natural cleanup of groundwater at OT 20, which injects natural soy oil or molasses and microbers. The installation also shutdown selected extraction wells and accelerated soil cleanup at FT 01. Ellsworth AFB received EPA approval for the remedial investigation at RW 27 (Sundance PM 1 Reactor Site), and continued and optimized LTM at the site. The base renewed consultation with the Oglala Sioux Tribe on cleanup at OT 18 (Badlands Bombing Range).

In FY08, Ellsworth AFB continued operating cleanup systems and LTM optimization at selected sites. The installation conducted the OT 18 (Badlands Bombing Range) tribal consultation and completed the community relations plan.

FY09 IRP Progress

Ellsworth AFB completed an evaluation of RW 27 (Sundance PM 1 Reactor Site) and continued annual LTM using the optimized sampling plan. The South Dakota Department of Environment and Natural Resources agreed that Storage Tank (ST) site 14 required no further cleanup action. The installation performed a round of groundwater cleanup at a small area on North Docks 60 Row. Ellsworth AFB continued monitoring the natural groundwater cleanup, and identified additional treatment zones. The installation conducted significant sampling to define and monitor cleanup of the off-base groundwater contamination using natural processes. Ellsworth AFB completed fieldwork for the engineering evaluation and cost analysis (EE/CA) at OT 18 (Badlands Bombing Range). The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the completion of the EE/CA for OT 18 (Badlands Bombing Range).

Ellsworth AFB continued tribal consultation activities.

FY09 MMRP Progress

Ellsworth AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Ellsworth Air Force Base are grouped below according to program category.

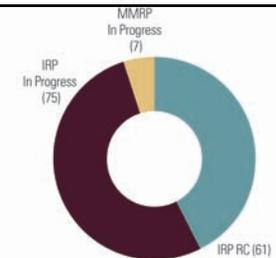
IRP

- Complete a ROD and continue LTM for RW 27 (Sundance PM 1 Reactor Site) in FY10.
- Complete EE/CA and begin cleanup at OT 18 (Badlands Bombing Range) in FY10.
- Complete a third five-year review report in FY10.
- Continue LTM and cleanup system optimization for groundwater at OT 20 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AK057302864900	Est. CTC (Comp Year):	\$ 77.5 million (FY 2038)
Location (Size):	Anchorage, Alaska (13,452 acres)	IRP Sites (Final RIP/RC):	136 (FY2012)
Mission:	Serve as headquarters to the Alaskan Command	MMRP Sites (Final RIP/RC):	7 (FY2019)
HRS Score:	45.91; placed on NPL in August 1990	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in November 1991	IRP/MMRP Status Table:	Refer to page C-6-4
Contaminants:	VOCs, heavy metals, POLs, solvents, BTEX		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 95.9 million		



Progress To Date

Elmendorf Air Force Base (AFB) serves as headquarters to the Alaskan Command. Sites include old construction landfills (LFs), petroleum spill sites, and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in November 1991 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Elmendorf AFB for realignment. In FY92, the installation formed a Restoration Advisory Board (RAB) to discuss the installation’s cleanup progress with the community. In FY97, the RAB revised its charter to focus on all environmental activities, beginning the transition to a Community Advisory Board. In FY97, the installation also developed a community relations plan, which was revised in FY00. To ensure continuous monitoring and improvement, Elmendorf AFB completed five-year review reports in FY98, FY04, and FY09.

The FFA covers 38 sites, grouped into 6 operable units (OUs). An additional 42 sites are designated as petroleum/oil/lubricant (POL)-contaminated sources; Elmendorf AFB is performing cleanup activities under the State of Alaska cleanup regulations. To date, Elmendorf AFB has completed Records of Decision for OUs 1 through 6 and Disposal Pit (DP) 98, which selected cleanup actions for these sites. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Elmendorf AFB for FY05 through FY08 is summarized below.

In FY05, Elmendorf AFB began the OU 6 explanation of significant differences with the ROD to change groundwater action at Storm Drain (SD) site 15 to monitored cleanup using natural processes; establish new groundwater cleanup levels for contaminants at LF 02 and SD 15; and clarify the management of land use controls. The installation also completed and signed closure documents for Storage Tank (ST) sites 71 and 74, and Storage Area 99. The installation continued operation of the OU 5 engineered wetland system and conducted annual debris removal at LF 04. Elmendorf AFB conducted a cleanup process optimization project, which resulted in two separate groundwater contaminated area

treatability studies to enhance the cleanup process at two locations within the base’s boundaries. Under the MMRP, the installation began preliminary assessments (PAs) for all sites suspected to contain munitions contamination.

In FY06, Elmendorf AFB began treatability studies for enhanced cleanup at the Kenney Plume (ST 37) and the Slammer Plume (ST 37). The installation completed a site closure report for Spill Site (SS) 10. In addition, the installation continued annual debris removal at LF 04 and operation of cleanup systems at Fire Training (FT) area 23 and ST 32 and the engineered wetland system at OU 5.

In FY07, Elmendorf AFB began the remedial investigation (RI) and feasibility study to evaluate cleanup alternatives for SS 22. Elmendorf AFB also conducted annual debris removal at LF 04 and continued operation of the cleanup system at FT 23 and the engineered wetland system at OU 5.

In FY08, Elmendorf AFB removed the treatment system at SD 15 and two cleanup systems at ST 32. The installation also conducted annual debris removal at LF 04 and continued operation of the cleanup system at FT 23 and the engineered wetland system at OU 5. Elmendorf AFB conducted a combined PA and site inspection (SI) for identified MMRP sites.

FY09 IRP Progress

Elmendorf AFB completed its third five-year review report and began a cleanup report for DP 98. Elmendorf AFB completed Phase II RI fieldwork for SS 22. The installation also decommissioned the fuel pipeline at OT 92 and cleanup systems at SS 43 and ST 68. Elmendorf AFB conducted annual debris removal at LF 04 and continued operation of the cleanup system at FT 23 and the engineered wetland system at OU 5. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Elmendorf AFB completed SIs at all MMRP sites.

Plan of Action

Plan of action items for Elmendorf Air Force Base are grouped below according to program category.

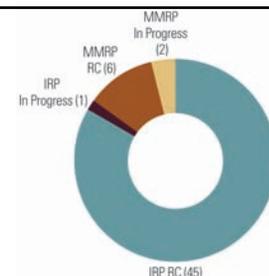
IRP

- Complete report on cleanup requirements for DP 98 in FY10.
- Prepare decision documents selecting cleanup actions for ST 36/66 and 61 in FY10.
- Begin Phase III RI fieldwork for SS 22 in FY10.
- Continue operation of cleanup system at FT 23 and engineered wetland system at OU 5, and conduct annual debris removal at LF 04 in FY10.
- Prepare closure report for LF 02 in FY11.
- Assume environmental restoration responsibilities from Fort Richardson in FY11.

MMRP

- Conduct RIs for all MMRP sites in FY10.

FFID:	LA657002445200	Funding to Date:	\$ 36.3 million
Location (Size):	Alexandria, Louisiana (2,284 acres)	Est. CTC (Comp Year):	\$ 3.9 million (FY 2055)
Mission:	Supported flying operations for fighter and attack aircraft	IRP Sites (Final RIP/RC):	46 (FY2001)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	8 (FY2010)
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	Industrial waste, spent solvents, fuels, waste oil, paints, pesticides, low-level radioactive waste, chlorine gas, PCBs, TCE, POLs, alkali, medical waste, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-7-27
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

England Air Force Base (AFB) was established in 1943 and supported flying operations for various aircraft throughout its history. Sites identified at the installation include landfills (LFs), underground storage tanks, aboveground storage tanks, fire training areas, oil-water separators, a sewage treatment pond, a low-level radiation site, and gas training kit burial sites. In July 1991, the BRAC Commission recommended closure of England AFB and the installation closed in December 1992. The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup of sites. The BRAC cleanup plan, developed with community input to prioritize sites requiring environmental restoration, was updated in FY95 and FY04. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY00 due to lack of interest. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY08.

Environmental studies have identified sites suspected to contain contamination for the Installation Restoration Program (IRP). A RCRA facility assessment conducted in FY92 identified areas of concern and solid waste management units. To date, more than 1,700 acres have been transferred, primarily to the local redevelopment authority. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Two additional MMRP sites were identified in FY08. Cleanup progress at England AFB for FY05 through FY08 is summarized below.

In FY05, England AFB conducted long-term management (LTM) at LF 015 and Spill Site (SS) 021, and cleanup operations at SS 045 (a trichloroethylene [TCE]-contaminated area). The installation developed an alternative strategy for site closure and submitted it to regulators for review. England AFB also began evaluating requirements at MMRP sites. The BRAC cleanup team held two meetings.

In FY06, England AFB continued LTM at LF 015 and SS 021, and cleanup operations at SS 045. The installation prepared a report determining that SS 045 was operating properly and successfully. England AFB transferred approximately 384 acres to the local redevelopment authority and submitted a five-year

review report to regulators. England AFB began clearing munitions and explosives of concern (MEC) from three MMRP sites. The installation evaluated the requirements necessary to close remaining MMRP sites. The BRAC cleanup team held two meetings.

In FY07, the installation continued LTM at LF 015 and SS 021, and cleanup operations at SS 045. The installation revised the RCRA cleanup permit renewal and obtained the approval of state regulators. England AFB cleared MEC from three MMRP sites and prepared closure documentation for the remaining MMRP sites. The BRAC cleanup team held two meetings.

In FY08, England AFB completed a five-year review report. The installation continued LTM at LF 015 and SS 021, and cleanup operations at SS 045. The installation prepared documentation showing LF 015 and SS 045 were operating properly and successfully. England AFB awarded a new 10-year performance-based contract (PBC). The installation submitted new work plans for improving cleanup at three sites. The installation received a notice of deficiency for the RCRA permit renewal application and responded to all items. EPA completed a pilot study for soil vapor intrusion, the entry of volatile organic compounds (VOCs) to indoor air from underlying soil; the results suggested that no further cleanup action was necessary. England AFB submitted after-action reports for three MMRP sites to the Air Force Safety Center. England AFB awarded a contract for a new historical records review. The installation identified two new potential MMRP sites. The BRAC cleanup team held monthly meetings to track open action items required for RCRA permit renewal and property transfer.

FY09 IRP Progress

England AFB optimized cleanup at three sites (LF 015 and SSS 021 and 045) under the new PBC. Regulators approved the installation's operating properly and successfully report on LF 015. In addition, regulators reviewed the draft operating properly and successfully report on SS 045. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed finalizing the RCRA corrective action permit and the finding that the remaining 576 acres would be suitable for transfer.

The BRAC cleanup team held monthly meetings to track open action items required for RCRA permit renewal and property transfer.

FY09 MMRP Progress

England AFB cleared two sites of MEC. The installation completed the review of historical records. England AFB began a preliminary assessment and investigated three sites.

Technical issues delayed the clearance of MEC from the third site, and the submission of closure documentation for all MMRP sites to the Air Force Safety Center and the Department of Defense Explosive Safety Board.

Plan of Action

Plan of action items for England Air Force Base are grouped below according to program category.

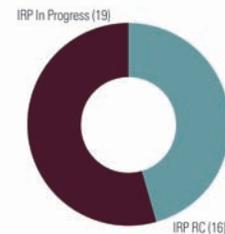
IRP

- Prepare document finding the remaining 576 acres suitable for transfer in FY10.
- Complete RCRA permit renewal in FY10.
- Finalize operating properly and successfully determination for SS 045 in FY10.

MMRP

- Clear MEC at one site in FY10.
- Submit closure documentation for all MMRP sites to the Air Force Safety Center and the Department of Defense Explosive Safety Board in FY10.

FFID:	WY857212417900	Funding to Date:	\$ 130.8 million
Location (Size):	Cheyenne, Wyoming (5,866 acres)	Est. CTC (Comp Year):	\$ 21.0 million (FY 2034)
Mission:	Serve as host to the 90th Space Wing, which support missile and space launch operations	IRP Sites (Final RIP/RC):	35 (FY2011)
HRS Score:	39.23; placed on NPL in February 1990	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in September 1991	Five-Year Review Status:	Planned
Contaminants:	Oils, solvents, metals, acids, petroleum, explosives residues, VOCs, SVOCs, PCBs, PAHs	IRP/MMRP Status Table:	Refer to page C-6-184
Media Affected:	Groundwater and Soil		



Progress To Date

F.E. Warren Air Force Base (AFB) serves as the host to the 90th Space Wing Support and missile and space launch operations. Restoration activities began at F.E. Warren AFB in FY84. Contaminants at this installation include oils, solvents, metals, acids, petroleum, explosive residues, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and polyaromatic hydrocarbons (PAHs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in September 1991, which included 19 sites, to outline how they were going to proceed with cleanup. In FY05, three additional sites were added to the FFA. In FY95, F.E. Warren AFB formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Remedial investigations (RIs) have identified sites within 14 operable units (OUs) and 5 investigative zones. The installation has signed Records of Decision (RODs), selecting cleanup actions for 20 of the sites; 11 sites required no further cleanup action. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at F.E. Warren AFB for FY05 through FY08 is summarized below.

In FY05, F.E. Warren AFB determined that no further cleanup actions were necessary for Zone E. Phase I of the RI for closed firing ranges identified and investigated eleven sites with over 30,000 anomalies. The installation signed the ROD amendment for Zone C and implemented the cleanup action. The installation also completed a supplemental preliminary assessment/site investigation, which added four sites to the installation's cleanup program. The RAB continued meetings and training sessions. The Air Force, EPA, the State of Wyoming, and contractors continued to meet regularly.

In FY06, F.E. Warren AFB completed and signed the ROD for Zone D Groundwater and determined that no further cleanup actions were necessary for the Zone D source areas. The

installation completed the design for cleanup and constructed the Zone D Groundwater treatment system. F.E. Warren AFB identified munitions and explosives of concern (MEC) and MEC scrap along the base boundary, indicating a need to investigate the adjacent private property. F.E. Warren AFB began the process to obtain access to this property. The installation also continued the closed firing ranges RI. The RAB held quarterly meetings.

In FY07, F.E. Warren AFB began installation of the Zone D Groundwater cleanup systems and amended the ROD for actions at two groundwater contaminated areas. The installation continued monitoring all sites requiring cleanup operation and long-term management, including implementation of a site inspection (SI) to optimize cleanup at the Zone B Groundwater treatment system. F.E. Warren AFB also completed the ongoing SI and RI efforts at Spill Sites (SSs) 08, 09, and 10, and Storage Area 10. The installation completed fieldwork for the closed north ranges RI.

In FY08, F.E. Warren AFB completed the installation of cleanup systems at Zone D Groundwater Plumes C and E. Based on SI data, the installation also determined that no further cleanup action was required at SS 09. F.E. Warren AFB submitted the cleanup plan for SS 10 to the State of Wyoming.

FY09 IRP Progress

F.E. Warren AFB completed the plan requiring no further cleanup action for SS 09, the ROD for SS 10, and the ROD amendment for Zone B. The installation also completed the RI for the closed firing ranges. The installation conducted its third five-year review report; results showed all remedies are functioning, and cleanup is progressing as planned. The installation completed an interim cleanup action for SS 08 to remove arsenic-contaminated soils. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed completion of the final ROD and cleanup for SS 08. Technical issues delayed completion of the feasibility study (FS) to evaluate cleanup alternatives and the ROD for the closed firing ranges.

FY09 MMRP Progress

F.E. Warren AFB has identified no MMRP sites.

Plan of Action

Plan of action items for F.E. Warren Air Force Base are grouped below according to program category.

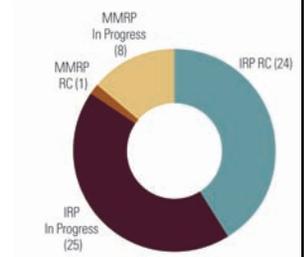
IRP

- Complete the FS and ROD for the closed firing ranges in FY10.
- Complete the ROD and implement cleanup action at SS 08 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA057212464700	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Spokane County, Washington (4,300 acres)	Funding to Date:	\$ 61.0 million
Mission:	Provide aerial refueling and airlift services	Est. CTC (Comp Year):	\$ 31.7 million (FY 2029)
HRS Score:	31.98; placed on NPL in March 1989	IRP Sites (Final RIP/RC):	49 (FY2011)
IAG Status:	FFA signed in March 1990	MMRP Sites (Final RIP/RC):	9 (FY2014)
Contaminants:	Solvents, fuels, electroplating chemicals, cleaning solutions, corrosives, photographic chemicals, paints, thinners, pesticide residues, PCBs, VOCs, SVOCs, metals, radioactive materials, PAHs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-180



Progress To Date

Fairchild Air Force Base (AFB) provides aerial refueling and airlift services. Sites include contaminated fire training (FT) areas, landfills, radioactive waste (RW) sites, spill sites (SSs), waste pits (WPs), disposal pits, and ditches. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1990 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Fairchild AFB for realignment. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY00, a partial NPL delisting effort began with the Washington State Department of Ecology and EPA. The installation prepared 22 sites for removal from the NPL. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

Fairchild AFB has signed 3 Records of Decision (RODs), which selected cleanup actions for 28 sites. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fairchild AFB for FY05 through FY08 is summarized below.

In FY05, the installation completed the field effort for a Triad remedial investigation (RI) at SS 39, which used pre-existing criteria to expedite site characterizations. This effort defined the nature and extent of trichloroethylene (TCE) and carbon tetrachloride contamination in the groundwater, and determined that the contamination would not adversely impact the family housing area. Fairchild AFB began the preliminary assessments (PAs) at the MMRP sites.

In FY06, Fairchild AFB completed the SS 39 RI and began a contract for the feasibility study (FS) to evaluate cleanup alternatives. The installation began developing an exit strategy for Site Other (OT) 17 and FT 32, and returned clean soil to the site.

In FY07, Fairchild AFB funded additional sampling for RW 11 and WP 36 in support of a performance-based contract (PBC) award to close these sites. The installation completed and

signed no further cleanup planned documents during the site inspection (SI) for two areas of concern. Fairchild AFB also completed PAs at all identified MMRP sites.

In FY08, Fairchild AFB completed investigative field efforts at RW 11 and WP 36. The installation awarded PBCs to install cleanup systems for RW 11, WP 36, Storm Drain (SD) 37, and SS 39. The installation also completed a focused FS and drafted the proposed plan (PP) and ROD for SS 39. Fairchild AFB completed the second five-year review report with EPA concurrence. The installation awarded PBCs to install cleanup systems at all remaining sites. Under the MMRP, Fairchild AFB partnered with the Washington Army National Guard to delineate and investigate local eastern Washington sites. The installation also awarded an SI contract and began planning the fieldwork. Fairchild AFB briefed the RAB on SS 39, progress at RW 11 and WP 36, investigative efforts, MMRP site progress, and planned future activities.

FY09 IRP Progress

Fairchild AFB began groundwater sampling and updated planning process activities at SD 37 and SS 39. The installation also started the PP for RW 11 and SD 37, developed site management and exit strategies for all sites with operational cleanup systems, and began contaminant source reduction cleanup process optimization recommendations at the Craig Road Landfill (LF 02). Fairchild AFB briefed the RAB on the SS 39 PP, investigative efforts at RW 11 and WP 36, cleanup system optimization, MMRP progress, and planned future activities. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the PP and public comment period for SS 39.

FY09 MMRP Progress

Fairchild AFB began SIs and completed field sampling efforts at all remaining sites.

Plan of Action

Plan of action items for Fairchild Air Force Base are grouped below according to program category.

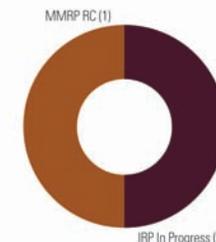
IRP

- Complete the SS 39 ROD, begin design for cleanup, and begin cleanup actions in FY10.
- Complete the WP 36 FS and begin the PP in FY10-FY11.

MMRP

- Complete SIs at all remaining sites in FY10.
- Perform engineering estimate and cost analysis for Skeet Range in FY10.
- Complete soil removal action as necessary for Skeet Range in FY11.

FFID:	WV39799F789200	Funding to Date:	\$ 0.7 million
Location (Size):	Nitro, West Virginia (12 acres)	Est. CTC (Comp Year):	\$ 0.2 million (FY 2014)
Mission:	Manufactured smokeless powder (private party operated a batch chemical plant)	IRP Sites (Final RIP/RC):	1 (FY2014)
HRS Score:	36.3; placed on NPL in September 1983	MMRP Sites (Final RIP/RC):	1 (FY2004)
IAG Status:	None	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Organic and inorganic chemicals, metals, dioxin	IRP/MMRP Status Table:	Refer to page C-7-58
Media Affected:	Soil and Groundwater		



Progress To Date

Fike-Artel Chemical is part of a 16,000-acre former government plant (Powder Plant "C") that manufactured smokeless powder. Environmental restoration sites are grouped into five operable units (OUs): disposal of storage tank and drum contents (OU 1); decontamination and disposal of storage tanks, surface drums, and aboveground structures (OU 2); removal of buried drums (OU 3); remedial investigation (RI) and feasibility study efforts to evaluate cleanup alternatives in groundwater and soil (OU 4); and RI of the cooperative sewage treatment plant (OU 5). The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in September 1983. Numerous potentially responsible parties, responsible for cleanup, and commonly referred to as "the Trust," finance and perform some of the cleanup actions at the property.

The Army approved the first project for sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) in FY96; an MMRP site was identified. Cleanup progress at Fike-Artel Chemical for FY05 through FY08 is summarized below.

In FY05, the Trust proceeded with operations and maintenance (O&M) for OU 4 and the cooperative sewage treatment plant. Additionally, the Trust conducted the design for groundwater cleanup, which discovered new information with respect to groundwater flow, requiring an increase in the cleanup and removal design effort.

In FY06, the Trust continued the design for groundwater cleanup, and O&M continued for OU 4 and the cooperative sewage treatment plant. The Trust completed the 12-inch and 66-inch sewer line investigations.

In FY07, the Trust completed cleaning the 12-inch and 66-inch sewer lines. In addition, the Trust completed Phase I of the groundwater test along Pickens Road. The Trust continued O&M for the OU 4 soils and completed the cooperative sewage treatment plant project.

In FY08, the Trust completed O&M for OU 4 soils and the Phase I OU 4 groundwater design for cleanup. The Trust continued Phase I O&M for the groundwater treatment system.

FY09 IRP Progress

The U.S. Army Corps of Engineers (USACE) monitored cleanup progress at the property in order to process payment to the Department of Justice (DOJ) for reimbursement costs. The Trust continued O&M of the groundwater treatment system and began a vapor intrusion study.

Technical issues delayed completion of the cleanup design for the Phase II groundwater treatment system.

FY09 MMRP Progress

USACE closed MMRP Project 04. There are no further MMRP actions planned at this property.

Plan of Action

Plan of action items for Fike-Artel Chemical are grouped below according to program category.

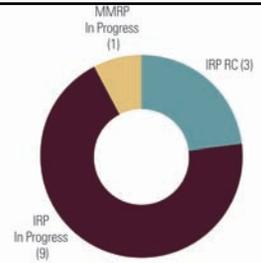
IRP

- Continue to monitor progress by the Trust, and process payment request to the the DOJ for reimbursement costs in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA39799F156700	Funding to Date:	\$ 46.9 million
Location (Size):	Suffolk, Virginia (975 acres)	Est. CTC (Comp Year):	\$ 47.8 million (FY 2024)
Mission:	Served as ordnance depot	IRP Sites (Final RIP/RC):	12 (FY2018)
HRS Score:	70.0; placed on NPL in July 1999	MMRP Sites (Final RIP/RC):	1 (FY2023)
IAG Status:	IAG negotiations on hold with EPA concurrence	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	TNT, solvents, fuels, pesticides, heavy metals, MEC, SVOCs, VOCs, propellants, explosives	IRP/MMRP Status Table:	Refer to page C-6-176
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Army acquired the Former Nansemond Ordnance Depot (Nansemond) between 1917 and 1929 and used the Depot from World War I until November 1950, leasing the property to the Navy. In 1960, the Army transferred the property to the Beazley Foundation, Inc. Nansemond covers approximately 975 acres and is located in Suffolk, Virginia at the convergence of the James and Nansemond rivers. The current list of landowners at Nansemond includes: Tidewater Community College (TCC); the General Electric Company; Ashley Capital; Dominion Lands, Inc.; Bridgeway LP; Suffolk Towers; SYSCO Food Services; Hampton Roads Sanitation District; Lockheed Martin; the City of Suffolk Industrial Development Authority; and the Virginia Department of Transportation. Contaminants identified at the property include TNT, fuels, heavy metals, volatile organic compounds (VOCs), solvents, pesticides, and munitions and explosives of concern. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in July 1999. A federal facility agreement (FFA) is currently under negotiation between DoD and EPA to outline how they are going to proceed with cleanup. In FY97, Nansemond held its first Restoration Advisory Board (RAB) meeting to discuss cleanup progress with the community; the RAB meets quarterly. EPA delisted the impregnite kit area soils from the NPL in FY03. The Nansemond project team meets every quarterly to discuss cleanup progress with the RAB.

To date, the U.S. Army Corps of Engineers (USACE) has signed two Records of Decision (RODs) and one decision document, all of which require no further cleanup actions at 14 project sites. Cleanup progress at Nansemond for FY05 through FY08 is summarized below.

In FY05, USACE completed a groundwater investigation to study naturally occurring contaminant background levels, and a survey of anomalies on the Nansemond River Beachfront and James River Beachfront. USACE also completed near-shore site inspections (SIs) for the James River Beachfront and Horseshoe Pond, as well as assessments of potential risks to human health and the environment for the Track K Dump (NPL Source Area 6) and the Horseshoe Pond. USACE determined that an engineering evaluation and cost analysis for the Pesticide Drum Area was inappropriate, and began human

health and environmental risk assessments as part of a remedial investigation (RI). USACE satisfied the removal action requirements of an interagency agreement (IAG) to outline how EPA and DoD were going to proceed with cleanup, and began drafting the final report. TCC and USACE signed a memorandum of agreement defining a land use control (LUC) plan to restrict access to the site.

In FY06, USACE signed a final letter of agreement concerning public information access and interim LUCs with the City of Suffolk. USACE continued RI work at the James River Beachfront, Horseshoe Pond, Main Burning Ground, TNT Area, Pesticide Drum Area, and Track K Dump (NPL Source Area 6). USACE began investigations at Areas of Concern (AOCs) 12, 14, 15, 20, 22, and 23. EPA approved the final report on removal actions in accordance with the IAG. USACE discovered bulk TNT at the Nansemond River Beachfront, recharacterizing this location as an NPL Source Area. The district held a public meeting for the Track K Dump (NPL Source Area 6) Proposed Plan (PP).

In FY07, USACE and EPA determined that no further action was required at the Track K Dump (NPL Source Area 6). Additionally, USACE expanded SIs at AOCs 4, 10, and 11 to further characterize contaminants. USACE also updated the site management plan.

In FY08, USACE finalized the AOC 22 SI and found no relationship with the contamination at Horseshoe Pond. Additionally, USACE began expanded SIs at J Lake and TCC Lake to provide additional containment characterization. USACE determined that no further action was required at the Pesticide Drum Area and held a public meeting to discuss the area. USACE also completed the munitions investigation at the Main Burning Ground.

FY09 IRP Progress

USACE began an RI at the Nansemond River Beachfront, and submitted the revised draft RI report for the Main Burning Ground. USACE also submitted the draft RI report, and began a feasibility study (FS) to evaluate cleanup alternatives at James River Beachfront. Additionally, USACE completed a draft RI report for Horseshoe Pond. The cost of completing

environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Regulatory issues delayed the PP for the James River Beachfront and completion of the final RI. Technical issues delayed completion of the draft PP for the Horseshoe Pond.

FY09 MMRP Progress

USACE completed munitions investigations at the Nansemond River Beachfront, and a draft SI at J Lake and TCC Lake. USACE also began an FS at James River Beachfront, and a comprehensive SI for all remaining areas.

Technical issues delayed completion of the final SI at J Lake and TCC Lake.

Plan of Action

Plan of action items for Former Nansemond Ordnance Depot are grouped below according to program category.

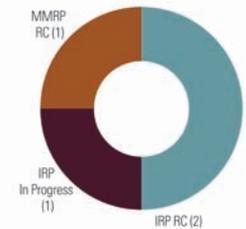
IRP

- Complete RI, FS, and PP at Horseshoe Pond, James River Beachfront, and Main Burning Ground in FY10.
- Complete FS at TNT Area, RI at Nansemond River Beachfront, and the background investigation report in FY10.
- Complete the SI report for TCC Lake in FY10.
- Complete ROD at James River Beachfront and Main Burning ground in FY11.

MMRP

- Complete comprehensive SI for all remaining areas of Nansemond in FY10.
- Complete SI for J Lake and TCC Lake in FY10.
- Complete FS for shoreline stabilization at James River Beachfront in FY10.

FFID:	MO79799F034700	Media Affected:	Groundwater
Location (Size):	Newton County, Missouri (42,786 acres)	Funding to Date:	\$ 2.3 million
Mission:	Served as World War II Signal Corps training facility; Korean conflict-era reception station; disciplinary barracks; Atlas missile rocket engine manufacture and testing facility; and jet engine and component manufacture and repair facility	Est. CTC (Comp Year):	\$ 0.8 million (FY 2014)
HRS Score:	50.00; placed on NPL in October 1999	IRP Sites (Final RIP/RC):	3 (FY2014)
IAG Status:	None	MMRP Sites (Final RIP/RC):	1 (FY2006)
Contaminants:	VOCs, TCE, carbon tetrachloride	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-7-33



Progress To Date

The Army used the former Fort Crowder during World War II as a Signal Corps training center and again during the Korean conflict as a reception station. The property is located near the City of Neosho, in southwestern Missouri. In 1956, the Army transferred approximately 3,650 acres to the Air Force for the establishment of Air Force Plant 65. Approximately 4,360 acres were leased to the Missouri National Guard for a training facility, known as Camp Crowder. Air Force Plant 65 operated until 1968 as an Atlas missile manufacturing and testing facility and, until 1980, as a jet engine overhaul and testing facility. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in October 1999. In FY99, the U.S. Army Corp of Engineers (USACE) signed two administrative orders on consent for removal actions.

USACE conducted an inspection in FY05 of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP), MMRP sites were identified. Cleanup progress at Fort Crowder for FY05 through FY08 is summarized below.

In FY05, USACE assisted in the planning and oversight of a soil vapor extraction system at the Quince Road Area. USACE and the group of other potentially responsible parties (PRPs), which share responsibility for environmental cleanup at Pools Prairie, began planning a pre-remedial investigation (RI), a feasibility study (FS) to evaluate cleanup alternatives, and continued negotiations regarding the administrative order. USACE monitored removal actions executed by other PRPs and provided technical and legal support to the Department of Justice (DOJ) settlement discussions.

In FY06, USACE oversaw the execution of three removal actions. USACE also completed the planning and estimating phase of the pre-RI and FS. USACE continued providing legal and technical support to the DOJ for settlement discussions with PRPs. USACE completed the cleanup system installation phase with educational awareness training of local stakeholders. Under the MMRP, USACE also began the RI, FS, and programmatic phases for the MMRP/chemical warfare materiel (CWM) project.

In FY07, USACE and the National Guard Bureau monitored the pre-RI and FS, and USACE continued to monitor three removal actions. USACE completed the RI and FS, and began the 30-year long-term management (LTM) of the CWM project.

In FY08, USACE continued technical and legal support to the DOJ for settlement discussions with other PRPs. USACE also continued to monitor the execution of the pre-RI and FS efforts, and three removal actions by PRPs. USACE continued LTM of the CWM site.

FY09 IRP Progress

USACE provided technical and legal support to the DOJ for settlement actions. USACE also monitored the pre-RI and FS, and three removal actions by PRPs. The cost of completing environmental restoration has changed significantly due to technical and regulatory issues and changes in estimating criteria.

FY09 MMRP Progress

USACE conducted LTM of the MMRP/CWM site.

Plan of Action

Plan of action items for Fort Crowder are grouped below according to program category.

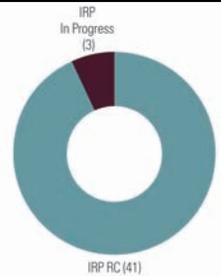
IRP

- Continue technical and legal support to the DOJ in FY10-FY11.
- Continue monitoring the PRPs execution of pre-RI, FS, and three removal actions in FY10-FY11.

MMRP

- Complete a proposed plan and decision document to select cleanup actions for the CWM site in FY10-FY11.
- Continue LTM of the MMRP/CWM site in FY10-FY11.

FFID:	MD321162026700	Media Affected:	Surface Water, Soil, Groundwater
Location (Size):	Frederick County, Maryland (1,212 acres)	Funding to Date:	\$ 44.1 million
Mission:	Supports a multi-governmental community that conducts biomedical research and development, medical materiel management, worldwide communications, and the study of foreign plant pathogens	Est. CTC (Comp Year):	\$ 10.2 million (FY 2021)
HRS Score:	49.52; placed on NPL in April 2009	IRP Sites (Final RIP/RC):	44 (FY2021)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	VOCs, metals, biological materials, radionuclides	Five-Year Review Status:	Underway
		IRP/MMRP Status Table:	Refer to page C-6-96



Progress To Date

Fort Detrick is a premier quad-services installation committed to excellence. As an Army Medical Installation, it is home to the United States Army Medical Research and Materiel Command, the National Cancer Institute, and 37 mission partners. The primary missions include biomedical research and development, medical materiel management and global telecommunications. Fort Detrick currently houses the National Interagency Confederation for Biological Research and National Interagency Biodefense Campus. The installation supports approximately 8,800 military, civilian, and contractor employees conducting biomedical research and development, medical material management, and communications. Identified restoration sites include 12 disposal and landfill areas, 10 buildings, 4 storage areas, 4 storage tank sites, 2 contaminated groundwater sites, 2 wash racks, sewer line, sewage treatment plant, small arms range, burn area, burn/open detonation area, and 4 other areas. Contaminants identified at the site include volatile organic compounds (VOCs), biological materials, metals, and radionuclides. The environmental investigations of former operations that have caused groundwater contamination at Fort Detrick have been ongoing since 1992, when the installation first identified off-post groundwater contamination. The potential risk to human health and the environment led EPA to place the Area B groundwater site on the NPL in April 2009. Fort Detrick established a Restoration Advisory Board to discuss cleanup progress with the community in June 1993.

To date, Fort Detrick has completed cleanup or determined no further action is necessary at 35 of the 42 waste sites identified at Areas A, B, and C. The remaining seven sites are located in Area B. Landfill caps are being constructed on six of the seven sites. The only remaining open site at Fort Detrick is Area B Groundwater. Cleanup progress at Fort Detrick for FY05 through FY08 is summarized below.

In FY05, Fort Detrick performed cleanup actions at the former Skeet Range in Area B to remove debris causing elevated levels of polyaromatic hydrocarbons (PAHs) contamination in soil. The installation also completed a final remedial investigation (RI), proposed plan (PP), and feasibility study (FS) to evaluate cleanup alternatives at the wastewater treatment plant in Area C. The selected remedy required no further cleanup actions at four areas within the treatment plant, and

implementation of land use controls (LUCs), which restrict the use of and access to the former ash disposal area.

In FY06, Fort Detrick signed the DD, which selected LUCs for the Area C wastewater treatment plant. Fort Detrick also provided bottled water to four homes potentially affected by the groundwater contamination in Area B.

In FY07, Fort Detrick completed a final RI, FS and PP, which selected capping and LUCs as the remedy for contamination at the landfill site in Area B2. The installation also completed a final RI for five sites in Area B (B Ammo, B Grid, B20 North and South, and B Skeet), and completed a PP, which required no further cleanup actions at these sites. Additionally, Fort Detrick completed a final RI/FS for five landfill sites in Area B.

In FY08, Fort Detrick signed a DD requiring no further cleanup actions at the B Ammo, B Grid, B20 North and South, and B Skeet sites, and a DD for Area B2. The Maryland Department of Environment concurred on both DDs. Fort Detrick also completed the final RI and FS for Areas B3, B8, B10, and B11 and submitted the draft final PP for capping the Disposal Areas B3, B6, B8, B10, and B11 to the Maryland Department of Environment for review. The installation continued sampling and analysis of on-post and off-post groundwater, including residential wells. Fort Detrick also continued to coordinate with regulators to develop a work plan for the investigation and remedy selection for groundwater at Area B.

FY09 IRP Progress

Fort Detrick, with Maryland Department of the Environment concurrence, signed a DD to cap the B3, B6, B8, B10, and B11 waste disposal areas. Fort Detrick also fully funded and nearly completed cap construction at six waste disposal areas at Area B, and continued the sampling and analysis of on-post and off-post groundwater, including residential wells. The installation continued to coordinate with EPA and the Maryland Department of the Environment to develop a work plan for groundwater cleanup at Area B. Fort Detrick and regulators reached an agreement for the scope of Phase I RI fieldwork. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

FY09 MMRP Progress

Fort Detrick has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Fort Detrick are grouped below according to program category.

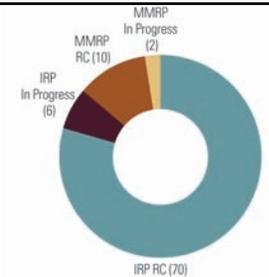
IRP

- Finalize the RI Workplan for Area B Groundwater and initiate fieldwork for the Area B Groundwater RI in FY10.
- Conduct long-term management of the landfill caps in Area B in FY10.
- Complete five-year review report for the wastewater treatment plant in Area C, including the 568 trichloroethylene (TCE) spill sites, in FY10.
- Continue sampling residential wells and provide alternate water supplies if necessary in FY10.
- Complete the Area B Groundwater RI/FS in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MA121042027000	Funding to Date:	\$ 151.5 million
Location (Size):	Fort Devens, Massachusetts (9,302 acres)	Est. CTC (Comp Year):	\$ 31.8 million (FY 2042)
Mission:	Supported Reserve component training	IRP Sites (Final RIP/RC):	76 (FY2014)
HRS Score:	42.24; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	12 (FY2011)
IAG Status:	IAG signed in November 1991	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, heavy metals, petroleum products, PCBs, pesticides, herbicides, explosive compounds	IRP/MMRP Status Table:	Refer to page C-6-99
Media Affected:	Groundwater and Sediment		



Progress To Date

Prior to closure in July 1991, Fort Devens supported Reserve component training. Identified sites included landfills, vehicle and equipment maintenance and storage yards, the Defense Reutilization and Marketing Office scrap yard, motor pools, and underground storage tanks. Investigations revealed soil and groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1989. DoD and EPA signed a federal facility agreement (FFA) in November 1991 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of Fort Devens. In FY96, the Army closed Fort Devens and replaced it with the Devens Reserve Forces Training Area, which assumed the Army mission. The Devens Reserve Forces Training Area is also referred to as Fort Devens. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In 2005, the BRAC Commission recommended Fort Devens for realignment. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Devens completed five-year review reports in FY00 and FY05.

To date, DoD and EPA have signed multiple Records of Decision (RODs). The Army, EPA, and the State have determined that no further cleanup actions were necessary at multiple sites. To date, the Army has conveyed 2,902 acres to the local redevelopment authority; 22 acres to the U.S. Department of Labor; 222 acres to the U.S. Bureau of Prisons; and 836 acres to the U.S. Fish and Wildlife Service. In FY94 and FY95, the installation completed all unexploded ordnance removal actions. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Devens for FY05 through FY08 is summarized below.

In FY05, the installation awarded a performance-based contract (PBC) for supplemental groundwater and landfill cap assessments under the long-term management (LTM) remedy phase. Fort Devens also completed the cleanup work plan and land use control (LUC) plan, which restricted access to Area of Concern (AOC) 50 (former North Post/Airfield). Additionally,

Fort Devens sampled for perchlorate in the South Post Impact Area monitoring wells. The installation also completed the second five-year review report for all BRAC sites and transferred leased Parcels A.2A, A.4, and A.8.

In FY06, the installation began a PBC for ongoing LTM and optimization at six AOCs. Fort Devens also completed the supplemental groundwater and landfill cap assessment work plans; continued the Shepley's Hill Landfill remedy operation and optimization; and the preliminary assessment and site inspection (SI) and supplemental SI for the Grant Housing Areas. The installation also completed a removal action of lead-contaminated soils. Additionally, the installation transferred leased parcel A.16 (AREE 69 AE), obtained operating properly and successfully (OP&S) approval for the AOC 69W remedy, and found AOC 69W (Parcel A.15) suitable for transfer. Under the MMRP, Fort Devens awarded a PBC and started planning an SI for sites identified in the closed, transferred, and transferring inventory report.

In FY07, Fort Devens awarded a PBC for the long-term operation and maintenance of the pump-and-treat contingency remedy at Shepley's Hill Landfill. The installation also completed fieldwork for the supplemental groundwater and landfill cap assessment. EPA provided an OP&S certification for the AOC 50 remedy. The installation also completed a revised LTM plan for the remaining six AOC sites in the LTM remedy phase. In addition, Fort Devens transferred leased Parcel A.15 and completed cleanup of pesticide-contaminated soils at the former Buena Vista Housing Area.

In FY08, Fort Devens finalized the feasibility study (FS) to evaluate cleanup alternatives, and the proposed plan for LUCs at the former Grant Housing Area. The installation also completed the remedial investigation (RI) work plan for AOC 72, and completed a sediment risk characterization report for Site SA 71. Under the MMRP, the installation completed the final SI work plan. Fort Devens also awarded a new PBC to continue cleanup at AOC 50 and to conduct the munitions and explosives of concern (MEC) SI and RI phase activities at the Markley Range and Oak/Maple Housing Area.

FY09 IRP Progress

Fort Devens completed the FS work plan for the Shepley's Hill Landfill, and submitted the draft focused FS to regulators. The installation completed the ROD for LUCs at the former Grant Housing Area.

Regulatory issues delayed completion of the draft RI report for AOC 72. Administrative issues delayed the completion of the pesticide-contaminated soil remediation at the former housing areas.

FY09 MMRP Progress

Fort Devens completed the final SI report for the remaining MMRP sites.

Administrative issues delayed the completion of the SI report for Markley Range.

Plan of Action

Plan of action items for Fort Devens are grouped below according to program category.

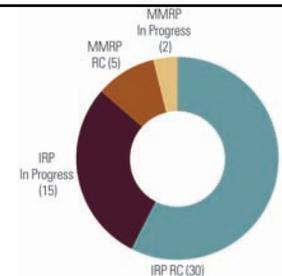
IRP

- Complete the RI report for AOC 72 in FY10.
- Complete the final focused FS for Shepley's Hill Landfill in FY10.
- Complete pesticide-contaminated soil cleanup at the former housing areas in FY10.
- Complete the FS for AOC 72 in FY11.
- Update the ROD for Shepley's Hill Landfill in FY11.

MMRP

- Complete draft RI report for MEC at Oak/Maple Housing Area in FY10.
- Complete the SI report for Markley Range in FY10.

FFID:	NJ221042027500	Funding to Date:	\$ 19.5 million
Location (Size):	Pemberton Township, New Jersey (30,638 acres)	Est. CTC (Comp Year):	\$ 8.5 million (FY 2018)
Mission:	Provide training and Reserve support	IRP Sites (Final RIP/RC):	45 (FY2012)
HRS Score:	37.40; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	7 (FY2018)
IAG Status:	FFA signed in July 1991	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, POLs, chlorinated solvents, PCBs, heavy metals, SVOCs	IRP/MMRP Status Table:	Refer to page C-7-36
Media Affected:	Groundwater and Soil		



Progress To Date

Fort Dix provides training and Reserve support for the Army. In FY89, the installation identified contamination at storage areas, motor pools, abandoned underground storage tanks (USTs), landfills (LFs), lagoons, impact areas, and an incinerator. Contaminants identified include heavy metals, volatile organic compounds (VOCs), petroleum/oil/lubricants (POLs), and chlorinated solvents. The potential risk to human health and the environment was significant enough for EPA to place the Sanitary LF at Fort Dix on the NPL in 1987. DoD and EPA signed a federal facility agreement (FFA) in September 1991 to outline how they were going to proceed with cleanup. In FY00, the Army petitioned EPA to remove the Sanitary LF from the NPL. In 1995 and 2005, the BRAC Commission recommended realignment of Fort Dix, with retention of land and facilities for Reserve training. In FY96, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the Sanitary LF in FY99 and FY05.

To date, the installation has completed nine Records of Decision, which selected cleanup actions for environmental restoration sites. In FY97, the installation removed 80 abandoned USTs and began evaluating the contaminated sites. In FY99, EPA added the Sanitary LF to its construction complete list. In FY03, the Army conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) sites; MMRP sites were identified. Cleanup progress at Fort Dix for FY05 through FY08 is summarized below.

In FY05, Fort Dix completed a five-year review report for the Sanitary LF. The installation also conducted cleanup actions at 14 sites under the guaranteed fixed-price contract, and soil cleanup at the New Egypt Armory.

In FY06, the installation continued cleanup at the 14 sites under the guaranteed fixed-price contract. The installation also completed treatment of the Taxi Stand Plume, and conducted groundwater sampling for the installation. Fort Dix also began construction of a sentinel well at the Sanitary LF and pursued delisting from the NPL.

In FY07, Fort Dix continued cleanup at the 14 sites under the guaranteed fixed-price contract. Fort Dix also continued the groundwater sampling for the installation. The installation completed the remedial investigation (RI) and feasibility study (FS) reports for the Pesticide Control Shop, to evaluate cleanup alternatives, and submitted them to regulators. At the Taxi Stand Plume. Fort Dix conducted sampling and amended the RI report, which was submitted to the regulators. Under the MMRP, Fort Dix completed and regulators approved the site inspection work plan, fieldwork, and historical records review for its closed, transferred, and transferring ranges.

In FY08, Fort Dix continued cleanup at the 14 Fort Dix sites under the guaranteed fixed-price contract. Fort Dix also awarded a performance-based contract to conduct long-term management and monitoring of sites, including groundwater sampling for the installation. Additionally, the installation worked with regulators on the sampling required to complete the RI and interim removal action reports for the New Egypt Armory. Fort Dix also received regulatory approval for proposed plans (PPs) for the Pesticide Control Shop and Fire Training Tank Area. The installation conducted a public meeting to discuss the PP for the Pesticide Control Shop.

FY09 IRP Progress

Fort Dix received regulatory approval for decision documents for the Pesticide Control Shop and the Fire Training Tank Area, which selected cleanup actions at these sites. The installation conducted soil removal at the Pesticide Control Shop. The installation also conducted sampling, and completed RIs and a focused FS for the Range LF and ANC 2 Disposal Area. Additionally, Fort Dix installed three new wells.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Fort Dix are grouped below according to program category.

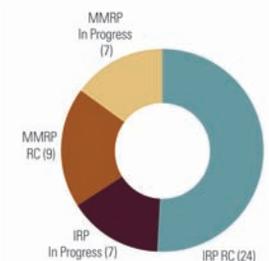
IRP

- Complete PP and ROD for the ANC LF in FY10.
- Modify the RI/FS for the Range LF in FY10.
- Draft RI report for the New Egypt Armory in FY10.
- Complete the planning process for the Property Disposal Office LF in FY10.
- Construct groundwater monitoring wells north of Dogwood Lake in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA321372032100	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Newport News, Virginia (8,248 acres)	Funding to Date:	\$ 53.8 million
Mission:	Serve as host to the Army Transportation Center; provide training in all modes of transportation, including rail and marine; aviation maintenance; involved in amphibious operations	Est. CTC (Comp Year):	\$ 17.5 million (FY 2017)
HRS Score:	50.00; placed on NPL in December 1994	IRP Sites (Final RIP/RC):	31 (FY2012)
IAG Status:	FFA signed in March 2008	MMRP Sites (Final RIP/RC):	16 (FY2017)
Contaminants:	PCBs, VOCs, pesticides, heavy metals, SVOCs, petroleum products	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-171



Progress To Date

Fort Eustis, home to the Army Transportation Center, is where soldiers receive education and training in all modes of transportation, aviation maintenance, logistics and deployment doctrine, and research. Identified sites include landfills, underground storage tanks (USTs), pesticide storage areas, range/impact areas, and surface impoundments. The migration of contaminants from some sites to creeks and estuaries, and the potential migration through surface water and the upper water table to the James River are the greatest concerns at the installation. Analysis of samples indicated the presence of polychlorinated biphenyls (PCBs), pesticides, polyaromatic hydrocarbons (PAHs), and lead in surface water and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in July 2008 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended the realignment of Fort Eustis garrison functions as part of the Joint Basing effort. During FY96, the installation established an administrative record and set up information repositories at three local libraries. Since FY00, Fort Eustis held two technical review committee meetings each year. Fort Eustis updated its community relations plan in FY06. To ensure continuous monitoring and improvement, Fort Eustis completed a five-year review report in FY08.

To date, Fort Eustis and EPA have signed five Records of Decision (RODs), which selected cleanup actions at four sites. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Eustis for FY05 through FY08 is summarized below.

In FY05, the installation conducted monthly liquid vapor extraction treatments at the Army-Air Force Exchange Service Station and monthly monitoring at the Helicopter Maintenance Area. The installation also operated the soil vapor extraction system at Landfill (LF) 7; and completed a proposed plan (PP) for Brown's Lake; and prepared a supplemental site evaluation report for Milstead Island Creek, which recommended no further action. Additionally, Fort Eustis began a groundwater and soil treatability study (TS) at the fire training area (FTA)

site. The installation also started a Vegetative Management Program for LF 15 to lower maintenance costs, establish native vegetation, and improve wildlife habitat. Under the MMRP, the installation held a kick-off meeting with the Army, regulatory agencies, and the awarded contractor. The installation started the site inspection (SI) at closed, transferring, and transferred ranges.

In FY06, Fort Eustis received a contract award for long-term management (LTM) at LF 15. The installation also prepared a preliminary draft feasibility study (FS) to evaluate cleanup alternatives for the FTA site. Fort Eustis also completed the LTM plan for the Oil Sludge Holding Pond. Under the MMRP, the installation conducted SIs and completed the historical records review report.

In FY07, Fort Eustis awarded a performance-based contract for environmental cleanup services at six sites. The installation also signed the final ROD for Brown's Lake. In addition, Fort Eustis submitted and completed the final SI report for the Third Post UST and determined that a Decision Document determining nor further action was required. Under the MMRP, the installation finalized the SI report and recommended that seven sites proceed to the remedial investigation (RI) phase.

In FY08, Fort Eustis finalized and signed the FFA and completed the first CERCLA five-year review report, which concluded that cleanup actions at the Oil Sludge Holding Pond and Department of Labor (DOL) Yard are protective of human health and the environment. The installation also close the Oil Sludge Holding Pond.

FY09 IRP Progress

Fort Eustis completed a groundwater pilot-scale TS at the FTA site and submitted the focused FS for Army review. Fort Eustis also obtained approval to end LTM and closed the DOL Yard. The installation also completed cleanup actions, the LTM plan, and the land use control design to restrict the use of and access to Brown's Lake. Additionally Fort Eustis finalized the FS, PP, and ROD for Eustis Lake. For Bailey Creek, the installation finalized the focused FS, and submitted the PP and ROD for regulatory review. Fort Eustis solicited bids on a performance-based acquisition (PBA) for environmental cleanup services at seven sites.

Regulatory issues delayed the completion of the PP and ROD for Bailey Creek.

FY09 MMRP Progress

Fort Eustis completed the 1,000-inch Rifle Range RI/FS fieldwork and submitted the RI/FS reports for regulatory review. Fort Eustis solicited bids on a PBA for environmental remediation services at six sites.

Contractual issues delayed the completion of the RI/FS, PP, and ROD for the 1,000-inch Rifle Range.

Plan of Action

Plan of action items for Fort Eustis are grouped below according to program category.

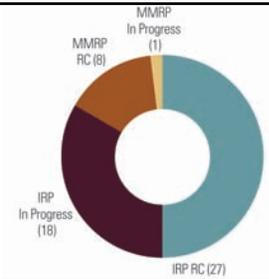
IRP

- Complete the FS, PP, and ROD for the FTA site in FY10.
- Award PBA for seven sites in FY10.
- Complete the RI, FS, PP, and ROD for Felker Airfield in FY10.
- Complete the FS, PP, and ROD for Skeet Range Upland in FY10.
- Complete the PP and ROD for Bailey Creek in FY10.
- Complete the design for cleanup and cleanup actions at Eustis Lake in FY10-FY11.
- Complete the FS, PP, and ROD for the SR Wetland in FY10-FY11.
- Transfer environmental restoration responsibilities to Langley Air Force Base in FY11.

MMRP

- Award PBA for six sites in FY10.
- Complete the RI/FS, PP, ROD, design for cleanup, and cleanup actions at the 1,000-inch Rifle Range in FY10-FY11.
- Complete the RI at Langley Field Gunnery Range, Bombing Target H, Camp Wallace Firing Fan, SR, and SR-TD in FY11.

FFID:	MD321022056700	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Fort Meade, Maryland (5,142 acres)	Funding to Date:	\$ 101.6 million
Mission:	Served as administrative post for various DoD tenants	Est. CTC (Comp Year):	\$ 22.8 million (FY 2042)
HRS Score:	52.0; placed on NPL in July 1998; Tipton Airfield delisted from NPL in November 1999	IRP Sites (Final RIP/RC):	45 (FY2013)
IAG Status:	FFA signed in June 2009	MMRP Sites (Final RIP/RC):	9 (FY2012)
Contaminants:	Chlorinated solvents, metals, munitions and explosives of concern, petroleum hydrocarbons, VOCs, SVOCs, explosives, propellants, PAHs, pesticides	Five-Year Review Status:	Completed and underway
		IRP/MMRP Status Table:	Refer to page C-6-96



Progress To Date

Fort George G. Meade (Fort Meade) served as an administrative post for various DoD tenants. The National Security Agency is the primary tenant. Investigations beginning in FY88 identified several areas of concern, including landfills (LFs), petroleum and hazardous waste storage areas, aboveground storage tanks, underground storage tanks, asbestos-containing material in structures, and unexploded ordnance (UXO). The potential risk to human health and the environment was significant enough for EPA to place Fort Meade on the NPL in July 1998. EPA delisted the Tipton Airfield parcel from the NPL in November 1999. DoD and EPA signed a federal facility agreement (FFA) in 2009 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended closing the Fort Meade range and training areas and realigning the installation as an administrative center. In July 1995, the BRAC Commission recommended additional realignment, reducing Kimbrough Army Community Hospital to a clinic. The installation formed a BRAC cleanup team in FY94 to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) in FY95 to communicate cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review reports in FY05 and in FY09.

To date, the installation has completed three No Further Action Records of Decision (RODs), which determined that no further cleanup activities were necessary at Tipton Airfield and the Clean Fill Dump. In FY04, the Army conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Meade for FY05 through FY08 is summarized below.

In FY05, Fort Meade completed the five-year review report for the Tipton Airfield BRAC parcel. The installation also submitted the decision document selecting cleanup actions for the ordnance demolition area BRAC site, and the draft Closed Sanitary LF remedial investigation (RI) report for stakeholder review. Additionally, the installation awarded a performance-based contract (PBC) for 11 sites, including the Defense Reutilization and Marketing Office (DRMO) and the Trap and Skeet Range. Fort Meade also completed the removal action at the Patuxent Research Refuge. The RAB held

monthly meetings and regulatory partnership meetings as needed.

In FY06, Fort Meade completed the installation of additional monitoring wells to characterize the groundwater condition at the DRMO. The installation also completed the comprehensive evaluation of all historical data and cleanup at the former Battery Shop. Under the MMRP, Fort Meade completed the historical records review and began site inspections (SIs) at all sites.

In FY07, Fort Meade started long-term management (LTM) and land use control (LUC) inspections, which restrict use of and access to sites; methane recovery; and RI fieldwork. The installation also completed the draft final preliminary assessment and SI report for the entire installation, and the RI for the Closed Sanitary LF. The installation received final regulatory approval for the Granite Nike Site. Under the MMRP, the installation completed an SI, which identified the former Mortar Range. Fort Meade also completed the geophysical work plan and fieldwork for the RI. The RAB continued to hold meetings.

In FY08, Fort Meade continued LTM/LUC inspections, methane recovery, and RI activities. Fort Meade also completed a final MMRP work plan and a draft sampling and analysis plan for munitions constituents. The RAB continued to hold meetings.

FY09 IRP Progress

Fort Meade signed an FFA with EPA, who rescinded the RCRA Section 7003 Administrative Order. The Maryland Department of the Environment also withdrew its citizens suit. The installation completed all cleanup at Operable Unit (OU) 2. Fort Meade continued LTM and LUC inspections. The installation conducted a five-year review report for the Clean Fill Dump, the Tipton Airfield Parcel, and the Patuxent Research Refuge-North Tract non-time critical removal action. The cost of completing environmental restoration has changed significantly due to regulatory issues.

Regulatory issues delayed the completion of the RI and feasibility study (FS) to evaluate cleanup alternatives for the former Pesticide Shop and Manor View Dump Site.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Fort George G. Meade are grouped below according to program category.

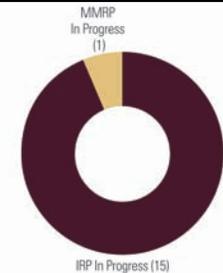
IRP

- Complete RI/FS for the former Pesticide Shop and Manor View Dump Site in FY10.
- Complete proposed plans and ROD for the DRMO, former Pesticide Shop, and the Architect of the Capitol sites in FY10.
- Complete PBC requirements (FS or remedial design) for OU 4, DRMO, former Trap and Skeet Range, and former Granite Nike Site in FY10.
- Continue BRAC property LTM and LUC inspections in FY10.
- Complete RI and design phase, and begin cleanup activities for Range 17 Trap and Skeet in FY10.
- Submit Ordnance Demolition Area proposed plan (PP) and ROD in FY10-FY11.
- Develop an explanation of significant differences to the ROD to ensure UXO removal in FY10-FY11.
- Complete FS for the Closed Sanitary LF in FY11.

MMRP

- Complete the RI/FS for the former Mortar Range in FY10.
- Complete the PP for the former Mortar Range in FY11.

FFID:	GA421402004600	Funding to Date:	\$ 33.9 million
Location (Size):	Forest Park, Georgia (1,426 acres)	Est. CTC (Comp Year):	\$ 10.1 million (FY 2029)
Mission:	Supported FORSCOM readiness missions	IRP Sites (Final RIP/RC):	15 (FY2014)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2010)
IAG Status:	N/A	Five-Year Review Status:	Completed
Contaminants:	Metals, PAHs, VOCs, pesticides, POLs, chlorinated solvents, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-62
Media Affected:	Groundwater, Surface Water, Soil		



Progress To Date

Fort Gillem supports Army Forces Command readiness missions and is home for many Army Forces Command and Fort McPherson activities. The Eastern Distribution Region of the Army and Air Force Exchange Service uses approximately 60 acres for storage. Fort Gillem also supports the Federal Emergency Management Agency disaster relief activities by providing warehouse and office space. The 2005 BRAC Commission recommended Fort Gillem, a sub-installation of Fort McPherson, for closure. The installation is comprised of approximately 1,426 acres and is surrounded by residential and commercial properties. In FY07, the installation solicited public interest in establishing a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, but concluded that there was not enough interest in convening a RAB.

In 2001, the installation excavated 27,000 tons of lead-contaminated soil and 4,000 tons of volatile organic compound (VOC)-contaminated soil at the Northern Landfill Area. Fort Gillem conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one site was identified. Cleanup progress at Fort Gillem for FY05 through FY08 is summarized below.

In FY05, the installation awarded a performance-based contract for FTG 01, 04, 07, 09, 10, and 13. The remaining sites (FTG 02, 03, 05, 06, 08, and 14) required no further cleanup activities based on the site inspection (SI) provided to the Georgia Environmental Protection Division.

In FY06, Fort Gillem began a report to summarize the environmental conditions of all transferable property and a CERFA report, which documents all uncontaminated property undergoing closure or realignment, in response to the BRAC 2005 recommendations. Fort Gillem also completed a focused feasibility study to evaluate cleanup alternatives at FTG 01 (Operable Units A, B, H, and I). The installation also developed a remedial investigation (RI) work plan to address data gaps at FTG 01, 04, and 07/10. Additionally, Fort Gillem prepared the design for cleanup documents for interim cleanup measures to address source removals at FTG 01 and 09. The installation also evaluated the groundwater monitoring network and the

off-site well survey. Under the MMRP, the installation completed a historical records review for the ranges at Fort Gillem.

In FY07, Fort Gillem completed Phase I of the environmental conditions of transferable property report and started Phase II/SI to determine if additional investigation or cleanup is required. The installation also completed the CERFA report and started to update the background study for metals and pesticides as requested by the Georgia Environmental Protection Division. The background study will impact the RI and baseline risk assessment, an assessment of potential environmental hazards, for the following sites: FTG 01 through 10, 13, and 14. The installation also awarded a contract to achieve no further cleanup for Buildings 606 and 610 leaking underground storage tank (UST) sites. Additionally, the installation conducted a total of four fluid and vapor recovery events at the Building 610 leaking UST site. Under the MMRP, Fort Gillem scheduled sampling of the former Trap Skeet Range during the SI.

In FY08, Fort Gillem completed the background study for metals and pesticides; the Georgia Environmental Protection Division concurred with the conclusions of the study. The installation also received a no further action letter from Georgia Environmental Protection Division for the Building 606 leaking UST site. Additionally, Fort Gillem received an approved corrective action plan for further investigation and monitoring or cleanup of the release on the Building 610 leaking UST site. Fort Gillem also updated and submitted the final RI and baseline risk assessment for FTG 07/10 to the Georgia Environmental Protection Division. The installation also submitted and received concurrence on the technical memorandum to Georgia Environmental Protection Division recommending the following: closure of FTG 11, work plan to conduct interim cleanup actions and effluent discharge criteria for the two proposed pump-and-treat plants at FTG 01 and 09. Under the MMRP, Fort Gillem began SI work at the Trap Skeet Range and identified lead contamination on the surface soil. Fort Gillem met monthly with the Georgia Environmental Protection Division to discuss program status for all sites.

FY09 IRP Progress

Fort Gillem finalized the list of USTs and aboveground storage tanks (ASTs), came to an agreement with the Georgia

Environmental Protection Division on a closure strategy for the USTs/ASTs, and awarded a contract to achieve closure. The installation also completed and submitted the draft final RI and baseline risk assessment for FTG 01, 04, 07, 09, 10, and 13. The cost of completing environmental restoration changed significantly due to regulatory issues and changes in estimating criteria.

Administrative issues delayed the closure of Building 610 leaking UST sites, as well as the RI and baseline risk assessment for FTG 02, 03, 05, 06, 08, and 14.

FY09 MMRP Progress

Fort Gillem awarded a contract to conduct the SI, RI, and baseline risk assessment for the Trap Skeet Range.

Administrative issues delayed starting the fieldwork in support of the SI, RI, and baseline risk assessment for the Trap Skeet Range.

Plan of Action

Plan of action items for Fort Gillem are grouped below according to program category.

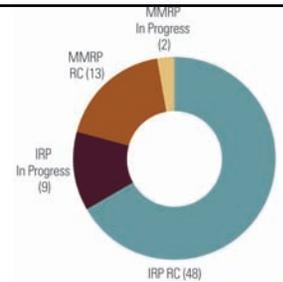
IRP

- Ensure that all required cleanup systems are constructed at FTG 02, 07, 09, and 13 in FY10.
- Complete cleanup actions at FTG 10 and 11 in FY10.
- Close Building 610 leaking UST sites in FY10.
- Complete and submit the RI and baseline risk assessment for FTG 03, 05, 06, 08, and 14 in FY10.

MMRP

- Finalize the work plan for the Trap and Skeet Range in FY10.
- Start fieldwork in support of the SI, RI, and baseline risk assessment for the Trap Skeet Range in FY10.

FFID:	WA021402050600	Contaminants:	PAHs, VOCs, battery electrolytes, PCBs, heavy metals, POLs
Location (Size):	Fort Lewis, Washington (86,176 acres)	Media Affected:	Soil
Mission:	Serve as host to I Corps Headquarters; plan and execute Pacific, NATO, or other contingency missions; provide troop training, airfield, medical center, and logistics	Funding to Date:	\$ 91.8 million
HRS Score:	42.78 (Landfill No. 5), placed on NPL in July 1987, delisted from NPL in May 1995; 35.48 (Logistics Center), placed on NPL in November 1989	Est. CTC (Comp Year):	\$ 24.9 million (FY 2034)
IAG Status:	IAG signed in January 1990	IRP Sites (Final RIP/RC):	57 (FY2012)
		MMRP Sites (Final RIP/RC):	15 (FY2011)
		Five-Year Review Status:	Completed
		IRP/MMRP Status Table:	Refer to page C-6-179



Progress To Date

Fort Lewis is located approximately 15 miles south of Tacoma, Washington. Its mission includes planning and executing Pacific, NATO, and other contingency missions; providing troop training; operating an airfield and medical center; and providing logistical support. Contaminated sites identified at Fort Lewis include landfills (LFs), former ranges, and spill sites. Primary contaminants include organic solvents, heavy metals, and fuels. The potential risk to human health and the environment was significant enough for EPA to place two Fort Lewis sites on the NPL in July 1987 and November 1989. DoD and EPA signed an interagency agreement (IAG) in January 1990 to outline how they were going to proceed with cleanup. EPA removed LF 5 from the NPL in May 1995. In 2005, the BRAC Commission recommended Fort Lewis for realignment. Fort Lewis developed a community relations program due to lack of public interest in developing a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Lewis completed three five-year review reports in FY97, FY02, and FY07.

To date, Fort Lewis has signed three Records of Decision, which selected cleanup actions at environmental restoration sites, and decision documents (DDs) for five sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Lewis for FY05 through FY08 is summarized below.

In FY05, the installation performed operations and maintenance (O&M) of cleanup actions at the Logistics Center (two groundwater pump-and-treat systems) and the Illicit Polychlorinated Biphenyls (PCB) Dump Site (cap-and-fence). Fort Lewis continued long-term management cleanup actions at the Logistics Center and LFs 1 and 4. The installation also completed treatment at the second of three Logistics Center source areas. Additionally, Fort Lewis closed the potential vapor intrusion pathway for the Logistics Center. The installation also expanded a completed focused feasibility study (FS), which evaluated cleanup alternatives for the Sea Level Aquifer, into a full FS. Fort Lewis also installed and sampled additional monitoring wells to further map the potential of well

water to come from the tetrachloroethene (PCE)-contaminated area in the Sea Level Aquifer.

In FY06, the installation continued O&M of cleanup actions at the Logistics Center, Illicit PCB Dump Site, and LFs 1 and 4. Fort Lewis also completed the FS for the Logistics Center Sea Level Aquifer. The installation also completed DDs, which selected cleanup actions for five non-NPL sites. The installation proposed that no further cleanup actions were necessary at LF 6. Under the MMRP, Fort Lewis completed a site inspection (SI) work plan for all sites.

In FY07, Fort Lewis completed treatment at the final Logistics Center source area. The installation also selected the cleanup action and began construction at the Logistics Center Sea Level Aquifer. Additionally, the installation continued O&M of cleanup actions at the Logistics Center, Illicit PCB Dump Site, and LFs 1 and 4. EPA concurred that no further cleanup action was necessary for the vapor intrusion pathway at Madigan Housing. The installation completed a five-year review report and the land use control (LUC) plan which restricts use of and access to the Logistics Center and seven other IAG sites. Under the MMRP, the installation completed field sampling and an SI.

In FY08, Fort Lewis continued O&M cleanup actions at the Logistics Center, Illicit PCB Dump Site, LFs 1 and 4, and four other IAG sites with LUCs. The installation also completed the engineering design for the pump-and-treat system at the Sea Level Aquifer.

FY09 IRP Progress

Fort Lewis completed the construction of the pump-and-treat system at the Sea Level Aquifer. The installation also continued O&M cleanup actions at the Logistics Center, Illicit PCB Dump Site, LFs 1 and 4, and four other IAG sites with LUCs. In addition, Fort Lewis completed and submitted the draft FS for the remaining nine sites and began a pilot test for soil vapor extraction at one site. The installation and EPA began negotiations for an explanation of significant differences for the 1990 Logistics Center ROD. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Fort Lewis identified an MMRP site of approximately 2,000 acres on North Fort Lewis (B Range).

Administrative issues delayed the cleanup at the former Skeet Range.

Plan of Action

Plan of action items for Fort Lewis are grouped below according to program category.

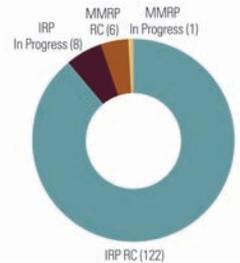
IRP

- Complete soil removal at former Miller Hill and Skeet Ranges in FY10.
- Complete FS and cleanup action plan at seven sites in FY10.
- Complete an explanation of significant differences for the Logistics Center ROD in FY10.
- Assume environmental restoration responsibilities from McChord Air Force Base in FY11.

MMRP

- Complete cleanup at former Skeet Range in FY10.
- Complete investigation and clearance at the B Range in FY10-FY11.

FFID:	AL421372056200	Funding to Date:	\$ 226.5 million
Location (Size):	Anniston, Alabama (41,191 acres)	Est. CTC (Comp Year):	\$ 236.7 million (FY 2029)
Mission:	Served as host to the U.S. Army Chemical School, the U.S. Army Military Police School, and the DoD Polygraph Institute	IRP Sites (Final RIP/RC):	130 (FY2017)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	7 (FY2029)
IAG Status:	N/A	Five-Year Review Status:	Underway
Contaminants:	VOCs, SVOCs, pesticides, explosives, metals, UXO, radioactive sources, non-stockpile chemical warfare materiel	IRP/MMRP Status Table:	Refer to page C-6-1
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

The mission of Fort McClellan was to serve as host to the U.S. Army Chemical School, the U.S. Army Military Police School, and the DoD Polygraph Institute. Studies since FY90 have identified the following site types at Fort McClellan: maintenance facility areas; training and range areas; underground storage tanks; landfills; incinerators; storage handling areas for toxic and hazardous materials; and chemical agent and radioactive substance training, storage, and disposal areas. The main contaminants of concern are chlorinated volatile organic compounds (VOCs) in groundwater and lead in soils. In FY95, EPA concluded that the potential risk to human health and the environment was not significant enough to place Fort McClellan on the NPL. In July 1995, the BRAC Commission recommended closing most Fort McClellan facilities. The installation formed a BRAC cleanup team in FY96 to develop a process for cleanup of sites, and completed a BRAC cleanup plan with community input in FY 98 to prioritize sites requiring environmental restoration. In FY95, the installation established information repositories at three locations, and the community formed a local redevelopment authority. In FY96, the installation formed a Restoration Advisory Board (RAB) to discuss the cleanup progress with the community. The installation provided funding for technical assistance for public participation to the RAB in FY02 through FY05, FY08, and FY09. To ensure continuous monitoring and improvement, the installation completed a five-year review report for the General Service Administration (GSA) warehouse area in FY09.

To date, the installation has transferred 18,556 acres. The installation also has completed 6 action memoranda, 95 decision documents (DDs), and a Record of Decision, which selected cleanup actions at environmental restoration sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort McClellan for FY05 through FY08 is summarized below.

In FY05, the installation transferred five acres and completed a modification to the Environmental Services Cooperative Agreement to comply with a two-year funding restriction. Fort McClellan also completed negotiations for a second

modification to the Environmental Services Cooperative Agreement technical specification and requirements statement to include additional early transfer parcels. The installation also completed a removal action for lead-contaminated soils in a portion of the Iron Mountain Road Range that extended into the Eastern Bypass. Additionally, Fort McClellan completed DDs determining no further cleanup action is necessary for several small arms firing ranges. The installation also completed a clearance to depth within the construction debris area of the Eastern Bypass. Fort McClellan also extended the funding for technical assistance for public participation for the RAB, and the BRAC cleanup team held facilitated meetings.

In FY06, the installation completed X-ray fluorescence surveys at the Snap Lane and Bains Gap Road Tank Sites, and erosion control measures at Iron Mountain Road Ranges. The BRAC cleanup team completed a design study for the Baby Bains Gap Road Ranges. Under the MMRP, Fort McClellan completed a clearance on 19 acres located in the Charlie Area and signed Statements of Clearance for the Eastern Bypass Y Area Junction, the Water Tank Sites, and the Bains Gap Road.

In FY07, the installation signed an Environmental Services Cooperative Agreement inclusive of all early transfer parcels. The installation also completed fieldwork for the Baby Bains Gap Road Ranges baseline assessment of potential risks to the environment and collected groundwater samples at Training Area T 24A. The installation also conducted a recurring review of nine munitions and explosive areas of concern. Under the MMRP, Fort McClellan finalized the removal report and signed the Statement of Clearance for the Eastern Bypass Y Area Junction. The BRAC cleanup team held facilitated meetings.

In FY08, Fort McClellan completed a design study for Training Area T 24A and Choccolocco Corridor Ranges. The installation also completed additional sampling activities required for the remedial investigations (RIs) at the Iron Mountain Road Ranges, Bains Gap Road Ranges, and Baby Bains Gap Road Ranges; completed X-ray fluorescence soil sampling at a former pistol range; and completed the RI for the 81-mm Mortar Range. Under the MMRP, Fort McClellan developed a strategy for supplemental sampling required for the Charlie Area engineering evaluation and cost analysis (EE/CA). The installation also awarded funding for technical assistance for

public participation to the RAB, and the BRAC cleanup team held facilitated meetings.

FY09 IRP Progress

Fort McClellan completed fieldwork for the Choccolocco Corridor Ranges baseline assessment of potential risks to the environment. The installation also completed a five-year review report for the GSA warehouse area. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The installation awarded funding for technical assistance for public participation to the RAB, and the BRAC cleanup team held facilitated meetings.

FY09 MMRP Progress

Fort McClellan completed the EE/CA for the Eastern Bypass Iron Mountain Road Addition, and began the interim removal action on 134 acres of the Charlie Area.

Plan of Action

Plan of action items for Fort McClellan are grouped below according to program category.

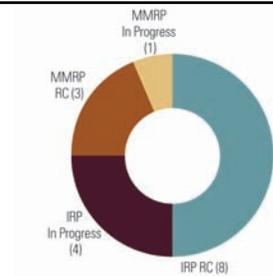
IRP

- Complete fieldwork at the ranges near Training Area T 24A for the baseline assessment of potential risks to the environment in FY10.
- Complete soil cleanup at Baby Bains Gap Road Range 20 in FY10.

MMRP

- Complete EE/CA for the Charlie Area in FY11.
- Complete interim removal action on 134 acres at the Charlie Area in FY11.

FFID:	GA421402056500	Funding to Date:	\$ 10.0 million
Location (Size):	Atlanta, Georgia (487 acres)	Est. CTC (Comp Year):	\$ 0.7 million (FY 2014)
Mission:	Served as host to the U.S. Army Forces Command Headquarters, the U.S. Army Reserve Command, and the Headquarters of the Third U.S. Army.	IRP Sites (Final RIP/RC):	12 (FY2014)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	4 (FY2011)
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	POs, metals, solvents, VOCs	IRP/MMRP Status Table:	Refer to page C-7-20
Media Affected:	Groundwater		



Progress To Date

Fort McPherson houses the U.S. Army Forces Command Headquarters, the U.S. Army Reserve Command, and the Headquarters of the Third U.S. Army. Sites include a contaminated fill area, a surface disposal area, four oil-water separators, former small arms ranges, an active small arms range, aboveground storage tanks (ASTs), and multiple underground storage tanks (USTs). In 2005, the BRAC Commission recommended Fort McPherson for closure and disposal. In FY07, Fort McPherson established a Restoration Advisory Board (RAB) to discuss cleanup progress with the community.

Early activities include a preliminary assessment for all sites, UST removals former Buildings 105 (FTMP 10) and 143 (FTMP 09), and an interim removal action to remove the UST and surrounding soil from Building 41 (FTMP 02). In FY06, Fort McPherson conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) in FY06; MMRP sites were identified. Cleanup progress at Fort McPherson for FY05 through FY08 is summarized below.

In FY05, the installation conducted the free product recovery and monitoring of the leaking USTs at Buildings 105 (FTMP 10) and 143 (FTMP 09).

In FY06, Fort McPherson began the report to summarize the environmental conditions of all transferable property and CERFA report, which documents all uncontaminated property undergoing closure or realignment, in response to the BRAC 2005 recommendations. Fort McPherson continued the free product recovery and monitoring of the leaking USTs at Buildings 105 (FTMP 10) and 143 (FTMP 09), and installed one additional well. Under the MMRP, Fort McPherson also completed a historical records review to identify all former ranges.

In FY07, Fort McPherson conducted two aggressive recovery events at the leaking sites at FTMPs 10 and 09 to capture as much free product and vapor as possible. The Georgia Environmental Protection Division requested a corrective action plan Part B for these sites. The installation completed the Phase I of the report to summarize environmental conditions of

transferable property and began the site inspection (SI). The installation included the Atlanta National Guard Target Range, Trap and Skeet Range (FTMP 04-R-01), Atlanta National Guard Rifle Range, Pistol Range, and 300 Yard Target Range as part of the SI process. The installation established a RAB and held its first meeting.

In FY08, Fort McPherson conducted sampling at multiple sites. Fort McPherson also installed two additional groundwater monitoring wells at FTMP 09 and two wells at FTMP 10, conducted one groundwater monitoring event, and determined the groundwater flow direction. Fort McPherson also scheduled surface and subsurface sampling to identify the presence of inorganic background metals. Additionally, the installation developed a comprehensive list of all former and current USTs and ASTs, and identified the closure requirements for each tank. Under the MMRP, Fort McPherson conducted sampling at all former small arms ranges. The installation determined no further cleanup action was necessary for the National Guard Rifle Range, Pistol Range, NG Target Range, and the 300 Yard Target Range. Fort McPherson met with the Georgia Environmental Protection Division and Georgia UST divisions monthly to discuss the status of the cleanup program, and agreed on the path forward to cleanup the property prior to closure and disposal.

FY09 IRP Progress

Fort McPherson began environmental closure of former USTs and ASTs through the Georgia Environmental Protection Division and Georgia UST divisions, and started supplemental SIs and RIs for Buildings 209 and 302 (FTMP 13). Fort McPherson also reviewed documents in support of no further action on the Ash Disposal Dump Site (FTMP 06), and conducted additional SI sampling at Buildings 341, 356, and 456. The installation also conducted sampling to determine background levels for metals. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

FY09 MMRP Progress

Fort McPherson began a supplemental SI and remedial investigation for the Trap and Skeet Range (FTMP 04-R-01).

Plan of Action

Plan of action items for Fort McPherson are grouped below according to program category.

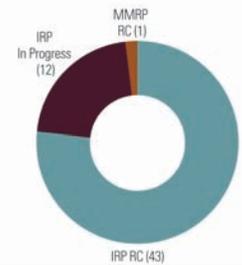
IRP

- Conduct SI at the former Water Tower Site and former Crematory Site in FY10.
- Achieve no further action on the Ash Disposal Dump Site (FTMP 06) in FY10.

MMRP

- Conduct SI in FY10.

FFID:	NJ221382059700	Funding to Date:	\$ 28.7 million
Location (Size):	Monmouth County, New Jersey (1,338 acres)	Est. CTC (Comp Year):	\$ 10.5 million (FY 2011)
Mission:	Conducted research and development of C4ISR systems	IRP Sites (Final RIP/RC):	55 (FY2011)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2008)
IAG Status:	FFA signed in July 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Petroleum hydrocarbons, VOCs, SVOCs, PCBs, heavy metals, radionuclides	IRP/MMRP Status Table:	Refer to page C-6-116
Media Affected:	Groundwater, Surface Water, Soil		



Progress To Date

Fort Monmouth's mission is to conduct research and development. Prominent sites at Fort Monmouth include landfills, underground storage tanks, hazardous waste storage areas, polychlorinated biphenyl (PCB) spill areas, asbestos areas, and radiological storage and spill areas. Contaminants in groundwater and soil include chlorinated solvents, volatile organic compounds (VOCs), and heavy metals. DoD and EPA signed a federal facility agreement (FFA) in July 1990 to outline how they were going to proceed with cleanup. In 1993, the BRAC Commission recommended realignment of Fort Monmouth. This realignment resulted in the closure of the Evans Area; the transfer of part of the Charles Wood Area to the Navy; and the relocation of personnel from the leased space, the Evans Area, and Vint Hill Farms Station to the Main Post and the Charles Wood Area. To accelerate transfer, the Army divided the Fort Monmouth BRAC property into eight parcels: the Charles Wood Housing Area and seven parcels in the Evans Area. In 2005, the BRAC Commission recommended closure of the Fort Monmouth Main Post and Charles Wood Area. In FY94, the Evans Area formed a BRAC cleanup team to develop a process for cleanup of sites and completed the BRAC cleanup plan to prioritize sites requiring environmental restoration. In FY96, the Evans Area formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY07, the installation formed another RAB for the BRAC 2005 Main Post and Charles Wood Area. To ensure continuous monitoring and improvement, Fort Monmouth completed a five-year review report in FY06.

To date, the installation has transferred the Evans Area Parcels D and F by deed. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Fort Monmouth for FY05 through FY08 is summarized below.

In FY05, Fort Monmouth assessed and delineated wetlands within the Evans Area Parcel B and completed deed transfer actions. The installation found the Evans Area Parcel G suitable for transfer. The installation also found the Evans Area Parcel E suitable for transfer and completed a deed transfer. Fort Monmouth entered into a memorandum of agreement, agreeing

to remove asbestos-contaminated materials and perform interior demolition activities within historic buildings in the Evans Area Parcel C.

In FY06, the Evans Area completed fieldwork at FTMM 67.

In FY07, Fort Monmouth completed the report to summarize the environmental conditions of all transferable property and submitted it for regulatory review. The installation completed the historical records review and identified a small arms range. The installation also completed the historical site assessment for the use of radiological commodities. The installation formed a RAB for the BRAC 2005 Main Post and the Charles Wood Area.

In FY08, Fort Monmouth completed cleanup of PCBs at the Evans Area Building 9053 in Parcel D. The installation also finalized the Evans Area environmental baseline surveys to determine the presence of potential environmental hazards at Parcel C, and found both parcels suitable for transfer. Additionally, Fort Monmouth also finalized the cleanup report for the Evans Area hazardous materials storage sheds. The installation transferred Parcel G; finalized the classification exception area documentation for four sites; and continued treatment, bioremediation, and long-term management at six sites. Fort Monmouth monitored groundwater treatment at one site.

FY09 IRP Progress

Fort Monmouth finalized the field delineation and the baseline ecological evaluation at Building 9004. The installation also prepared a draft remedy selection report for cleanup of soils at the Building 9004 septic tank. The installation found Parcel D to be suitable for transfer, and transferred Parcel C to Wall Township. Additionally, Fort Monmouth finalized PCB cleanup at Building 9053, and determined no further cleanup was necessary. The installation also completed biodegradation and classification exception area documentation. Fort Monmouth began the Baseline Ecological Evaluation for the Main Post and the Charles Wood Areas. The cost of completing environmental restoration has changed significantly due to regulatory issues.

Administrative issues delayed the transfer of Parcel D.

FY09 MMRP Progress

Fort Monmouth conducted no MMRP actions.

Plan of Action

Plan of action items for Fort Monmouth are grouped below according to program category.

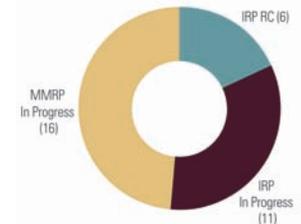
IRP

- Complete cleanup at the Building 9004 septic tank, and transfer the remaining two acres in FY10.
- Assign Parcel D to the Department of Education and support transfer to Brookdale College in FY10.
- Continue oxygen injections at Sites M2, M58, M61 and M64 on the Main Post in FY10-FY11.
- Continue to injection compounds that release hydrogen at Sites M5, M22, and M59 on the Main Post and the Charles Wood Area in FY10-FY11.
- Complete the biennial classification exception area reports in FY10-FY11.

MMRP

- There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA321372060300	Funding to Date:	\$ 6.6 million
Location (Size):	Hampton, Virginia (570 acres)	Est. CTC (Comp Year):	\$ 75.8 million (FY 2015)
Mission:	Provided quality base operations for five major commands/regional HQs and several national defense agencies	IRP Sites (Final RIP/RC):	17 (FY2014)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	16 (FY2015)
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Metals, MEC, explosives, propellants, SVOCs, VOCs	IRP/MMRP Status Table:	Refer to page C-6-172
Media Affected:	Sediment and Soil		



Progress To Date

Fort Monroe provides quality base operations support for several national defense agencies while preparing the Fort Monroe community for the future. Cleanup at Fort Monroe has included the removal of soil or liquid hydrocarbon from leaking underground storage tanks. In 2005, the BRAC Commission recommended closure of Fort Monroe. In FY06, the installation designated a Base Transition Coordinator and an interim BRAC Environmental Coordinator. The installation also formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY07, the Governor of Virginia established the Fort Monroe Federal Area Development Authority.

Approximately 288 acres of Fort Monroe property is under a reversionary clause to the Commonwealth of Virginia, with 77 additional acres of land that is not yet under a deed and where ownership is undetermined. The following sites at Fort Monroe have completed cleanup: Sites 1 and 2 (two former landfills), Site 3 (a classified document incinerator), and Site 4, (unexploded ordnance at the whole installation). In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Monroe for FY06 through FY08 is summarized below.

In FY06, the installation redefined the MMRP sites identified in the range inventory and evaluated additional sites; several sites were recommended for further investigation.

In FY07, Fort Monroe completed the report to summarize the environmental conditions of all transferable property and submitted the CERFA report to the Virginia Department of Environmental Quality for regulatory comment. The installation, the State, and the Fort Monroe Federal Area Development Authority developed a field sampling plan to gather additional data to determine if new sites requiring cleanup exist. The RAB received training on the types of weapon systems previously used at Fort Monroe, and found munitions and explosives of concern (MEC). The RAB also received training on the CERCLA cleanup process, and held a site tour.

In FY08, Fort Monroe completed an investigation of 25 sites identified in the field sampling plan. The installation also identified 14 new sites that will require further investigation either through an expanded site investigation (SI) or through remedial investigation (RI). Six sites require no further cleanup actions. The installation also completed the historical photographic analysis with the U.S. Army Topographic Engineering Center. Under the MMRP, Fort Monroe recharacterized existing sites and identified one new site based on information from the historical photographic analysis. The installation awarded a contract to conduct an RI on closed ranges, analyze alternatives for risk management or response actions in a feasibility study (FS), develop a proposed plan (PP), and complete a decision document (DD) on actions needed to address explosive hazards posed by MEC.

FY09 IRP Progress

Fort Monroe completed an expanded SI on 14 sites. The installation also finalized the technical memorandum for an assessment of potential risks to the environment, and provided the memorandum to the Virginia Department of Environmental Quality and the Fort Monroe Federal Area Development Authority for review. Additionally, Fort Monroe awarded three RI contracts.

FY09 MMRP Progress

Fort Monroe conducted an RI/FS at 13 sites. The installation also conducted a historic records review for the moat, munitions area, and armaments; subsequently, Fort Monroe awarded a contract to survey land at the moat, and submitted results to the Virginia Department of Environmental Quality and the Fort Monroe Federal Area Development Authority.

Plan of Action

Plan of action items for Fort Monroe are grouped below according to program category.

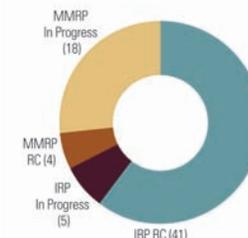
IRP

- Award contract for removal actions in FY10.
- Receive regulatory concurrence for no further cleanup action on 12 expanded SI sites and 20 other sites in FY10.

MMRP

- Complete the RI/FS report, complete the DD, and prepare the PP in FY10.
- Conduct public meetings in FY10.
- Conduct investigations at the moat and complete report in FY10.

FFID:	CA921372067600	Media Affected:	Groundwater and Soil
Location (Size):	Marina, California (27,827 acres)	Funding to Date:	\$ 459.6 million
Mission:	Served as host to 7th Infantry Division (Light); supports the Defense Language Institute Foreign Language Center, currently at the Presidio of Monterey, California	Est. CTC (Comp Year):	\$ 386.9 million (FY 2037)
HRS Score:	42.24; placed on NPL in February 1990	IRP Sites (Final RIP/RC):	46 (FY2016)
IAG Status:	FFA signed in July 1990	MMRP Sites (Final RIP/RC):	22 (FY2019)
Contaminants:	VOCs, petroleum hydrocarbons, heavy metals, pesticides, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-19



Progress To Date

From 1917 to 1994, Fort Ord served primarily as a training and staging installation for infantry units. In FY87, a hydrogeological investigation identified the Fort Ord sanitary landfills as potential sources of contamination. Identified sites include landfills; underground storage tanks; motor pools; family housing areas; a fire training area; an 8,000-acre impact area; and an ordnance and explosives disposal area. In addition, Fort Ord has discovered that petroleum hydrocarbons and volatile organic compounds (VOCs) were contaminating the groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in July 1990 to outline how they were going to proceed with cleanup. In 1991, the BRAC Commission recommended closing Fort Ord and moving the 7th Infantry Division (Light) to Fort Lewis, Washington. The Army closed Fort Ord in September 1994. In FY94, Fort Ord converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). The installation also formed a BRAC cleanup team to develop a process for cleanup of sites. In FY99, the installation reestablished the technical review committee and dissolved the RAB. To ensure continuous monitoring and improvement, Fort Ord completed five-year review reports for Operable Unit (OU) 1 in FY01 and FY07.

To date, Fort Ord has transferred over 19,100 acres. The installation has completed 13 Records of Decision (RODs). The installation also conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Ord for FY05 through FY08 is summarized below.

In FY05, Fort Ord completed a strategy for improving groundwater treatment systems and also began implementation at OU 2 and Site 2/12. The installation found the Track 0 plug-in properties suitable for transfer. Additionally, the installation completed a ROD for Track 1 and found related property suitable for transfer. Fort Ord also completed a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at the carbon tetrachloride site. Under the MMRP, Fort Ord completed cleanup to depth at Ranges 43 through 48.

The installation also began planning the prescribed burn project for munitions response at Site 16.

In FY06, Fort Ord installed an air stripper at the Site 2/12 groundwater treatment system. The installation also installed a landfill gas extraction and treatment system at OU 2 and a groundwater pilot study treatment system at OU 1. Additionally, Fort Ord completed a proposed plan for the groundwater carbon tetrachloride site. Under the MMRP, Fort Ord performed a site safety program for military munitions. The installation also transferred the Track 3 parcel and completed an RI/FS for the Track 2 site.

In FY07, Fort Ord closed Range 36A (an open burn/open detonation treatment facility permitted by RCRA); no further action was necessary at this site. Under the MMRP, Fort Ord conducted a prescribed burn and removed contamination to depth at Site 16. The installation also transferred 165 acres. The installation completed a five-year review report for all sites.

In FY08, Fort Ord constructed a groundwater treatment unit for the OU 1 off-site contaminated area. The installation signed a ROD and began groundwater cleanup at the carbon tetrachloride contaminated area. The installation also transferred 11 acres. Under the MMRP, Fort Ord signed RODs for Tracks 2 and 3, prepared work plans and FFA schedules, and began cleanup. Under the Environmental Services Cooperative Agreement the installation's Fort Ord Reuse Authority completed clearance activities at the Seaside 1-4 group.

FY09 IRP Progress

Fort Ord signed the ROD amendment and issued a work plan for Site 39. The installation continued to operate the groundwater treatment systems at Site 2/12 and OUs 1 and 2. The installation also constructed and began operation of a groundwater treatment system for the carbon tetrachloride-contaminated area. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the excavation of contaminated soil at Site 39

FY09 MMRP Progress

Fort Ord completed the ROD and issued a work plan for Track 3 (Del Ray Oaks). The installation transferred the Environmental Services Cooperative Agreement properties (3,340 acres) and 594 additional acres. In addition, Fort Ord conducted prescribed burns followed by munitions clearance at Bureau of Land Management (BLM) Units 18 and 22. The installation also completed removal actions at Track 2 (Parker Flats.)

Regulatory issues delayed the prescribed burns and munitions clearance at BLM Units 1 through 5. Administrative issues delayed completion of removal actions at the California State University and Monterey Bay.

Plan of Action

Plan of action items for Fort Ord are grouped below according to program category.

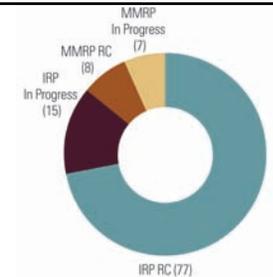
IRP

- Excavate soil at Site 39 in FY10-FY11.
- Continue operation of groundwater treatment systems at Site 2/12, OUs 1 and 2, and the carbon tetrachloride in FY10.
- Complete finding of suitability to transfer for Site 11 in FY10-FY11.

MMRP

- Conduct prescribed burns and munitions clearance at BLM Units 1 through 5 in FY10.
- Complete removal actions at the California State University and Monterey Bay in FY10.
- Conduct prescribed burns and munitions clearance in Burn Units 14 and 19.
- Begin the RI and FS for all remaining munitions response sites from site work plan in FY10.
- Complete the proposed plan and ROD for the Environmental Services Cooperative Agreement Group 2 munitions response sites in FY10.

FFID:	AK021452215700	Funding to Date:	\$ 92.4 million
Location (Size):	Anchorage, Alaska (64,470 acres)	Est. CTC (Comp Year):	\$ 122.4 million (FY 2039)
Mission:	Support and sustain forces assigned to U.S. Army Alaska	IRP Sites (Final RIP/RC):	92 (FY2012)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	15 (FY2016)
IAG Status:	FFA signed in December 1994	Five-Year Review Status:	Completed
Contaminants:	White phosphorus, PCBs, heavy metals, POLs, solvents, pesticides, VOCs, dioxins, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-3
Media Affected:	Surface Water and Soil		



Progress To Date

Since World War II, Fort Richardson has supported combat unit training and operations. These activities contaminated soil, surface water, sediment, and groundwater with petroleum/oil/lubricants (POLs), solvents, and polychlorinated biphenyls (PCBs). Parts of a 2,500-acre wetland (Eagle River Flats) that served as an active ordnance impact area contain white phosphorus. The potential risk to human health and the environment was significant enough for EPA to place Fort Richardson on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in December 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Fort Richardson for realignment. Cleanup actions addressed PCB-contaminated soil, underground storage tank sites, two drum burial sites, and soil contaminated with volatile organic compounds (VOCs), POLs, and chemical agents. In FY98, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Richardson completed five-year review reports in FY03 and FY08.

To date, five Records of Decision (RODs) have been signed, which selected cleanup actions at environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Richardson for FY05 through FY08 is summarized below.

In FY05, the installation completed the ROD for Operable Unit (OU) E, which included natural cleanup processes with institutional controls; these controls will minimize the potential for human exposure. The installation also treated two highly contaminated areas of white phosphorus and developed a long-term management (LTM) plan for OU C. In addition, the installation performed a treatability study (TS) of contaminated soil at OU B. The installation also completed a comprehensive groundwater evaluation. The RAB held two meetings and conducted one site visit.

In FY06, Fort Richardson required no further construction of cleanup systems at all OUs. The installation completed the interim cleanup plan and began the LTM plan strategy at OU E.

In addition, the installation continued groundwater monitoring and modeling to improve cleanup at OU B. Regarding OU C, the installation continued treatments of highly contaminated areas to meet LTM objectives. The installation, EPA, and the State of Alaska signed a decision document for the Eagle River training area which indicated that approximately 60 percent of the area is available for training year-round. The RAB met once.

In FY07, Fort Richardson completed LTM for the whole base. Fort Richardson also installed two sets of wells (deep and shallow) at OU B to determine whether solvent contamination was spreading off-site. At OU C, the installation achieved cleanup goals and completed a TS. The installation also completed a site investigation and groundwater monitoring at OU E, and granted approval for the interim cleanup report and final LTM plan. The installation held quarterly FFA meetings with EPA and the State. The RAB met twice and distributed quarterly newsletters.

In FY08, Fort Richardson capped 10 ponds at OU C. The installation, the State of Alaska, and EPA developed an LTM plan for OU C. The installation also updated the geographic information system for the base and the land use controls, which restrict the use of or access to sites. Additionally, Fort Richardson completed the second five-year review report.

FY09 IRP Progress

Fort Richardson evaluated the TS at OU C. Fort Richardson also began the bedrock model, and developing the LTM plan for OU B (Poleline Road). The installation also began the remedial investigation (RI) at Nike Site Summit.

FY09 MMRP Progress

Fort Richardson evaluated the site inspection report. The installation also reevaluated two sites that required further investigation and determined that no further cleanup actions were necessary.

Plan of Action

Plan of action items for Fort Richardson are grouped below according to program category.

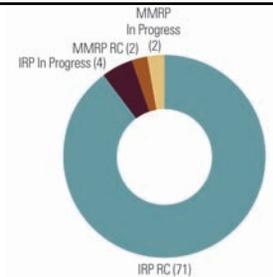
IRP

- Complete LTM plans for OUs B and E in FY10.
- Complete bedrock model at Poleline Road in FY10.
- Implement LTM plan for OU C in FY10.
- Conduct RI at Nike Site Summit in FY10.
- Evaluate cleanup requirements for new sites in FY10-FY11.
- Transfer environmental restoration responsibilities to Elmendorf Air Force Base in FY11.

MMRP

- Receive no further cleanup action concurrence from regulatory agencies for 11 sites in FY10.
- Begin RI activities at one site in FY10.

FFID:	KS721402075600	Funding to Date:	\$ 75.3 million
Location (Size):	Junction City, Kansas (100,656 acres)	Est. CTC (Comp Year):	\$ 7.8 million (FY 2014)
Mission:	Provide training, readiness, and deployability for three component combat brigades, one combat aviation brigade, and one sustainment brigade; active and reserve component units	IRP Sites (Final RIP/RC):	75 (FY2014)
HRS Score:	33.8; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	4 (FY2012)
IAG Status:	IAG signed in June 1991	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, lead, VOCs, metals, solvents	IRP/MMRP Status Table:	Refer to page C-7-25
Media Affected:	Groundwater and Soil		



Progress To Date

Fort Riley provides facilities for several active and reserve Army combat brigades. The installation has five operable units (OUs): Southwest Funston Landfill (OU 1), Pesticide Storage Facility (OU 2), Dry Cleaning Facilities Area (OU 3), Former Fire Training Area - Marshall Army Airfield (OU 4), and 354 Area Solvent Detections (OU 5). The potential risk to human health and environment was significant enough for EPA to place Fort Riley on the NPL in August 1990. The installation established a Restoration Advisory Board (RAB) in 1997 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed one five-year review report for OUs 1 and 2 in FY02, and another for OUs 1, 2, 4, and 5 in FY07.

To date, the installation has completed five Records of Decision (RODs), which selected cleanup actions for OUs 1 through 5. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Riley for FY05 through FY08 is summarized below.

In FY05, Fort Riley completed the feasibility study (FS) addendum to evaluate cleanup alternatives for OU 3. The installation completed a ROD for OU 4, an FS and a proposed plan (PP) for OU 5, and an engineering evaluation and cost analysis for the abandoned gasoline line. The installation also completed a technical memorandum for the open burning and open detonation area and installed a new monitoring well. Additionally, the installation completed Phase II of the site inspection (SI) for the petroleum/oil/lubricant tank farm and developed a plan to address multiple sites previously listed as having completed cleanup under an expanded SI. Under the MMRP, Fort Riley generated the historical records review report, conducted SI sampling, and submitted the SI report. The installation held a public comment period and public meeting for the OU 5 PP in conjunction with a RAB meeting. The installation also developed a revised community involvement plan.

In FY06, Fort Riley completed the pilot study at OU 3. The installation also completed the design and plan for cleanup at OU 4, and began monitored cleanup using natural processes.

In addition to performing sampling and analysis for an expanded SI, the installation completed the ROD for OU 5. Fort Riley began an agreement similar to a performance-based contract for long-term management at OUs 3, 4, and 5. Under the MMRP, the installation submitted the SI report.

In FY07, Fort Riley completed five-year review reports for OUs 1, 2, 4, and 5. The installation also completed the design and plan for cleanup, and began monitored cleanup using natural processes at OU 5. The installation continued this process at OU 4. In addition, the installation completed a removal action for the abandoned gasoline line and began site monitoring. The installation completed a PP for OU 3.

In FY08, Fort Riley signed a ROD for OU 3 and began the design for cleanup. The installation also continued monitoring cleanup using natural processes at OUs 4 and 5. The installation also retreated and proceeded with monitoring at the abandoned gasoline line. Under the MMRP, Fort Riley conducted the remedial investigation (RI) and FS at Sherman Heights Small Arms Range Impact Slope and Forsyth Landfill Area 2. The installation developed work plans and received approval from the DoD Explosives Safety Board on the explosives safety submissions.

FY09 IRP Progress

Fort Riley continued to monitor OUs 1, 3, 4, and 5. The installation retreated the abandoned gasoline line and implemented cleanup at FTRI 063, 066, and 068 in Camp Funston. Additionally, the installation developed a cleanup report and completed cleanup actions at OU 1. Regarding OU 2, Fort Riley conducted sampling and developed an explanation of significant differences. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Fort Riley began the work plans for Sherman Heights Small Arms Range Impact Slope and Forsyth Landfill Area 2.

Plan of Action

Plan of action items for Fort Riley are grouped below according to program category.

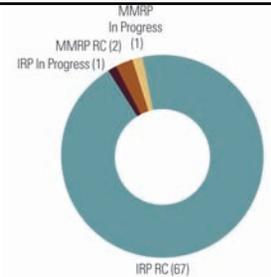
IRP

- Continue monitoring at OUs 1 and 3 in FY10.
- Complete retreatment and continue monitoring abandoned gasoline line in FY10.
- Begin preparation for cleanup at Sites FTRI 063, 066, and 068 in Camp Funston in FY10.
- Complete report on cleanup actions at OUs 1, 4, and 5 in FY10.
- Complete explanation of significant differences for OU 2 in FY10.

MMRP

- Complete RI work plans and start fieldwork at Sherman Heights Small Arms Range Impact Slope and Forsyth Landfill Area 2 in FY10.

FFID:	IL521402083800	Funding to Date:	\$ 57.3 million
Location (Size):	Fort Sheridan, Illinois (709 acres)	Est. CTC (Comp Year):	\$ 13.1 million (FY 2011)
Mission:	Provided administrative and logistical support; non-excess property currently used as Army Reserve installation and Navy housing area	IRP Sites (Final RIP/RC):	68 (FY2011)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	3 (FY2011)
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Metals, VOCs, UXO, fuel hydrocarbons, PAHs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-81
Media Affected:	Soil		



Progress To Date

Fort Sheridan's missions have included cavalry and infantry training, Nike systems maintenance, and administrative and logistical support. Contaminated sites include landfills (LFs), pesticide storage areas, hazardous material storage areas, underground storage tanks, polychlorinated biphenyl (PCB)-containing transformers, and unexploded ordnance areas. Petroleum hydrocarbons, volatile organic compounds (VOCs), and polyaromatic hydrocarbons (PAHs) affect groundwater and soil. Early cleanup included removal of underground storage tanks and contaminated soil. In December 1988, the BRAC Commission recommended closure of Fort Sheridan. The installation formed a BRAC cleanup team in 1994 to develop a process for cleanup of sites. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY99, the RAB requested and received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, Fort Sheridan completed a five-year review report in FY08.

In FY03, Fort Sheridan conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Sheridan for FY05 through FY08 is summarized below.

In FY05, the installation completed the operation and maintenance (O&M) and groundwater monitoring plans for LFs 6 and 7, and implemented the O&M plan. The installation also completed decision documents (DDs), which selected cleanup actions for Cold Storage Area 3, and LFs 1 and 5. In addition, Fort Sheridan prepared removal action completion reports for sites Cold Storage Area 4, Vehicle Storage Area 8, the water tower, and Building 70.

In FY06, Fort Sheridan implemented the groundwater monitoring plan for LFs 5, 6, and 7. The installation also implemented O&M and long-term management of Cold Storage Area 3 and LF 5, and completed the closure reports for these sites.

In FY07, Fort Sheridan continued O&M of sites, started a pilot study at LFs 6 and 7, and completed interim cleanup at LF 1. Fort Sheridan completed the final proposed plan (PP) and DDs for sites requiring no further cleanup action and for LFs 6 and 7. The installation completed a site inspection on excess properties.

In FY08, Fort Sheridan completed a DD, which determined that no further cleanup actions were necessary at the Barlett Ravine, Van Horn Ravine, Shenck Ravine, Excavation Area 8, Beach Pistol/Machine Gun Range, Wells Ravine Northern Tributary, and Wells Ravine Extension. The installation also completed a five-year review report.

FY09 IRP Progress

Fort Sheridan prepared a document that uses land use controls, to restrict the use of and access to LFs 6 and 7. Fort Sheridan also conducted O&M at all sites.

FY09 MMRP Progress

Fort Sheridan conducted no MMRP actions.

Plan of Action

Plan of action items for Fort Sheridan are grouped below according to program category.

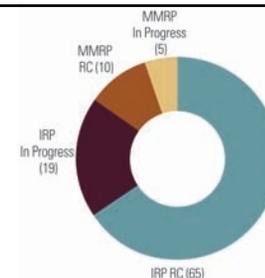
IRP

- Complete the ROD and all related cleanup at LF 1 in FY10.

MMRP

- Conduct a survey of munitions of concern at one of the anti-aircraft artillery firing points in FY10.

FFID:	AK021452242600	Funding to Date:	\$ 168.9 million
Location (Size):	Fairbanks, Alaska (917,993 acres)	Est. CTC (Comp Year):	\$ 50.4 million (FY 2039)
Mission:	Serve as headquarters of the 172nd Infantry Brigade (Separate)	IRP Sites (Final RIP/RC):	84 (FY2039)
HRS Score:	50.00; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	15 (FY2015)
IAG Status:	FFA signed in November 1991	Five-Year Review Status:	Completed and planned
Contaminants:	PCBs, SVOCs, POLs, heavy metals, solvents, pesticides, paints, UXO, VOCs	IRP/MMRP Status Table:	Refer to page C-6-3
Media Affected:	Groundwater and Soil		



Progress To Date

Since World War II, Fort Wainwright has housed light infantry brigades, most recently the 172nd Stryker Brigade Combat Team and the 1-501st Airborne Battalion. Studies at the installation identified drum burial sites, underground storage tanks, a railroad car off-loading facility, an open burn and open detonation area, a former ordnance disposal site, solvent groundwater contaminated areas, petroleum/oil/lubricant (POL) contaminated areas, and pesticide-contaminated soil. The potential risk to human health and the environment was significant enough for EPA to place Fort Wainwright on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991 to outline how they were going to proceed with cleanup. In FY97, Fort Wainwright formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY04 at the recommendation of the community co-chair and community RAB members. The installation determined there was insufficient interest to reestablish the RAB in FY07. To ensure continuous monitoring and improvement, Fort Wainwright completed five-year review reports in FY01 and FY06.

To date, the installation has signed five Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Wainwright for FY05 through FY08 is summarized below.

In FY05, the installation conducted the beginning stages of a preliminary site evaluation and removed polychlorinated biphenyl (PCB)-contaminated soils at the former communications site. The installation also conducted additional sampling at the Birch Hill Tank Farm aboveground storage tank site to determine if the site required further cleanup action.

In FY06, Fort Wainwright determined additional cleanup actions (removal, disposal, sampling) were required at the Birch Hill Tank Farm aboveground storage tank site. The installation also completed the five-year review report and closeout of additional POL-contaminated sites. At the Former Communications Site, the preliminary source evaluation fieldwork uncovered several pieces of discarded military munition, two of which required site

clearances and stop work orders until the discarded military munition could be identified and removed from the area. The installation continued to solicit community interest to warrant reestablishment of the RAB.

In FY07, Fort Wainwright began a remedial investigation (RI) at the Former Communications Site, now OU 6, and formally established land use controls, which restrict the use of or access to the site. During the RI at OU 6, several discarded military munitions were found under the surface. The installation used the cleanup operations and site exit strategy evaluations to revise operations and maintenance (O&M) requirements at the other sites, which resulted in reductions of groundwater monitoring requirements and some remedial operations to stop. Under the MMRP, the installation completed cleanup actions required by the five-year review report. The installation also conducted site inspections (SIs).

In FY08, Fort Wainwright completed the first phase of the OU 6 RI, and started Phase II, which included full-scale intrusive investigations of areas with potential drums of waste and discarded military munition. Fort Wainwright also completed summary reports for OU 3 Birch Hill and Mile Post Pipeline Breaks. Fort Wainwright and regulators agreed to switch to a process to optimize treatment systems and monitoring plans. Additionally, Fort Wainwright decommissioned unnecessary treatment systems and non-serviceable wells. Under the MMRP, Fort Wainwright received and evaluated the SI report, and provided public notice for comment. The installation conducted emergency investigation and removal actions at three sites due to the potential for immediate threat to human health and safety by exposure to discarded military munition.

FY09 IRP Progress

Fort Wainwright continued using monitoring and optimization processes to revise O&M requirements and to evaluate site progress. The installation also began a treatability study (TS) at OU 2. The installation also completed the soil vapor extraction (SVE) and air sparging systems decommissioning work plans for OUs 3 and 5. In addition, Fort Wainwright conducted negotiations for the CERCLA timeline, received closure letters from the State of Alaska for Building 1002, and submitted the draft RI report for OU 6. Fort Wainwright solicited public interest in reconvening the RAB, and also conducted town hall

meetings to provide the general public with information on the status of OU 6. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

FY09 MMRP Progress

Fort Wainwright created RI work plans for approximately 10 acres on Training Area 101, which concluded that there were no munitions or explosives of concern in the area and no contaminants of concern. The installation also began RI work plans for another 14 acres on Training Area 101. Additionally, the installation completed an RI for the Bayoned Assault Course within Training Area 101.

Plan of Action

Plan of action items for Fort Wainwright are grouped below according to program category.

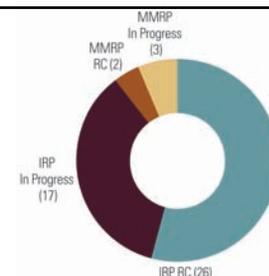
IRP

- Continue using monitoring and optimization processes to revise O&M requirements and evaluate site progress in FY10.
- Execute work plans for decommissioning SVE and air sparging systems at OUs 3 and 5 source areas in FY10.
- Begin proposed plan, ROD, and feasibility study to evaluate cleanup alternatives for OU 6 in FY10.
- Negotiate future investigations and O&M requirements at multiple source areas in FY10-FY11.
- Complete the TS for OU 2, and propose investigation and removal of abandoned pipelines, product, and associated contaminated soils at other IRP sites in FY10-FY11.

MMRP

- Prepare remaining RI work plans in FY10.

FFID:	NM621382097400	Media Affected:	Groundwater, Sediment, Soil
Location (Size):	Gallup, New Mexico (21,881 acres)	Funding to Date:	\$ 48.2 million
Mission:	Stored, shipped, and received ammunition components and disposed of obsolete or deteriorated explosives and ammunition	Est. CTC (Comp Year):	\$ 144.4 million (FY 2020)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	43 (FY2020)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	5 (FY2020)
Contaminants:	UXO, PCBs, pesticides, heavy metals, asbestos, lead-based paint, explosive compounds, VOCs, SVOCs, propellants	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-6-119



Progress To Date

Fort Wingate's former mission was to store, test, and demilitarize munitions. Restoration efforts have focused on land affected by ordnance-related wastes, unexploded ordnance, and other contaminants. The affected areas are the open burning and open detonation (OB/OD) grounds, soil at a pistol range, pesticide-contaminated soil at Building 5, explosives-contaminated soil at the former bomb washout plant lagoons, polychlorinated biphenyl (PCB) contamination in Buildings 11 and 501, the former explosive washout plant (Building 503), and three solid waste landfills. In 1988, the BRAC Commission recommended closure of Fort Wingate. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY95, the BRAC cleanup team revised the BRAC cleanup plan. The installation also formed a Restoration Advisory Board (RAB) in FY94 to discuss the installation's cleanup progress with the community. The RAB adjourned in 2004. In FY06, the installation developed a community relations plan.

To date, the installation has transferred over 5,400 acres. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Wingate for FY05 through FY08 is summarized below.

In FY05, Fort Wingate removed ash and soil from the deactivated furnace area. The installation also negotiated RCRA post-closure permit requirements and developed a work schedule and funding requirements for future cleanup. Under the MMRP, the installation completed groundwater sampling at the OB/OD grounds and completed groundwater investigations at the Eastern Landfill by installing four borings and two wells.

In FY06, the New Mexico Environmental Department issued Fort Wingate a RCRA permit. The installation hired a permanent, on-site BRAC Environmental Coordinator to oversee the cleanup program and execution of the RCRA permit. Fort Wingate prepared and submitted a historical aerial photo interpretation report and a hydrogeologic summary report to the New Mexico Environmental Department. Under the MMRP, the installation included a detailed map in the community relations plan of all munitions and explosives of

concern (MEC) found since Fort Wingate closed. Additionally, the installation constructed a three-mile long fence to contain the MEC. The installation held a BRAC cleanup team meeting. Fort Wingate also began extensive consultation with the Pueblo of Zuni and the Navajo Nation, which will continue for the duration of the cleanup program.

In FY07, Fort Wingate completed the summary report of historical information. The installation also submitted and negotiated a conceptual plan for the corrective action management unit to support MMRP operations. Additionally, the installation awarded a contract to develop a closure plan for the OB/OD hazardous waste management unit. The BRAC cleanup team held two meetings. The installation also determined there was insufficient interest to reestablish the RAB.

In FY08, Fort Wingate submitted a RCRA permit modification, which removed Parcel 25 from the permit; no further action is required. Fort Wingate also sampled all monitoring wells on the depot and three off-post wells. The installation awarded a background study work plan for the base, and RCRA facility investigation (RFI) work plan for Parcels 5, 6, and 23. In addition, Fort Wingate sampled all igloos and revetments in Parcels 4, 9, and 24. Under the MMRP, the installation established the conditional exemption storage site (temporary MEC storage igloos). Fort Wingate also completed the programmatic agreement between the Army, Pueblo of Zuni, Navajo Nation, and State Historic Preservation Office to address both compensation and Zuni and Navajo cultural resources during the cleanup.

FY09 IRP Progress

Fort Wingate revised the interim groundwater work plan, and completed the RFI work plans. The installation also conducted groundwater sampling for the base. In addition, the installation submitted final cleanup action reports for Parcels 4, 6, 11, 12, 14, 22, 23, 24, and 25 to stakeholders. Fort Wingate also conducted seismic and resistivity studies of Parcels 11, 21, and 22; RFI fieldwork at Parcels 11, 12, 14, 21, 22, 25; and cleanup action field work for Parcels 4, 5, 6, and 10.

Regulatory and technical issues delayed completion of the ecological risk assessment work plan and the transfer of Parcels 4b, 5b, 8, 14, and 25.

FY09 MMRP Progress

Fort Wingate completed the Phase I closure work plan for the OB/OD unit and completed the Kickout Area report. The installation also obtained the permit modification for the corrective action management unit. Additionally, Fort Wingate conducted aerial geophysical studies of its munitions response sites and landfills. The installation also cleared MEC and managed conditional exemption storage for MECs from Arroyos.

Regulatory issues delayed the construction of the corrective action management unit.

Plan of Action

Plan of action items for Fort Wingate are grouped below according to program category.

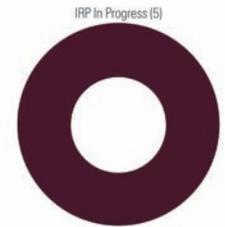
IRP

- Complete the ecological risk assessment work plan for the base in FY10.
- Submit transfer documents for Parcels 4b, 5b, 8, 12, 14, and 25 in FY10.
- Conduct groundwater sampling for the base in FY10.
- Complete RFI work plans in FY10.
- Complete RFI fieldwork for Parcels 11, 21, and 22 in FY10.

MMRP

- Award contract to perform the field investigation at the OB/OD unit and Parcel 3 in FY10.
- Begin hazardous waste management removal and the corrective action management unit construction in FY10.
- Continue to remove MEC from Arroyos in FY10.

FFID:	MN517002291400	Est. CTC (Comp Year):	\$ 9.0 million (FY 2020)
Location (Size):	Fridley, Minnesota (83 acres)	IRP Sites (Final RIP/RC):	5 (FY2002)
Mission:	Design and manufacture advanced weapons systems	MMRP Sites (Final RIP/RC):	None
HRS Score:	30.83; placed on NPL in November 1989	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in March 1991	IRP/MMRP Status Table:	Refer to page C-7-32
Contaminants:	POLs, VOCs, SVOCs, TCE, metals, cyanide		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 38.1 million		



Progress To Date

Fridley Naval Industrial Reserve Ordnance Plant (NIROP) designs and manufactures advanced weapons systems. Site types include waste disposal pits and trenches, source areas beneath the main industrial plant, a foundry core butt disposal area, and site-wide groundwater contamination. Wastes and contaminants associated with these site types include petroleum/oil/lubricants (POLs), solvents, plating sludge, construction debris, and foundry sands. Investigations conducted at this government-owned, contractor-operated installation identified trichloroethylene (TCE) in groundwater, which discharges into the Mississippi River upstream from the Minneapolis drinking water plant. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1991 to outline how they were going to proceed with cleanup. The installation formed a technical review committee responsible for communicating cleanup progress to the community in FY93, and converted it to a Restoration Advisory Board in FY95. The installation prepared the community relations plan in FY91 and updated it in FY97. The installation also compiled an administrative record, and established an information repository in FY95. Naval Sea Systems Command sold the NIROP site in June 2004. To ensure continuous monitoring and improvement, Fridley NIROP completed five-year review reports in FY04 and FY09.

To date, Fridley NIROP has completed Records of Decision, which selected cleanup actions for Operable Units (OUs) 1, 2, and 3. In addition, the installation has completed cleanup for Sites 1 and 2. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Fridley NIROP for FY05 through FY08 is summarized below.

In FY05, Fridley NIROP operated the OU 1 pump-and-treat groundwater containment system. The installation also monitored the enhanced bioremediation pilot study approved by the Minnesota Pollution Control Agency and EPA. In addition, the installation conducted a first round of extended monitoring at the Anoka County Riverfront Park.

In FY06, Fridley NIROP continued operation of the OU 1 groundwater pump-and-treat system. The installation conducted additional monitoring of the enhanced bioremediation pilot study and completed the final pilot study report.

In FY07, Fridley NIROP continued operation of the OU 1 pump-and-treat groundwater system. The U.S. Geological Survey completed their final effectiveness report of the groundwater pump-and-treat system to capture and control the contaminated area. The installation continued monitoring the effects of the vegetable oil injection study and issued the vegetable oil study final report. The Minnesota Pollution Control Agency began a statewide survey of facilities that may have stored or used perfluorochemicals, which identified the installation as a possible location where these chemicals were stored. The installation and the Department of Justice continued to resolve the cost recovery and potentially responsible party issue. The Navy awarded a new operation and maintenance (O&M) contract.

In FY08, Fridley NIROP continued operations of the OU 1 pump-and-treat containment system. The installation performed perfluorochemical testing and found no evidence of contamination. Additionally, the installation increased monitoring of specific wells to assess potential bypasses at an additional site. Fridley NIROP renewed the permit for a groundwater treatment system.

FY09 IRP Progress

Fridley NIROP completed a five-year review report and finalized annual monitoring plans. The installation also improved systems operation and management by modifying the O&M contract. The installation also finalized consent decrees and began to develop an exit strategy.

FY09 MMRP Progress

Fridley NIROP has identified no MMRP sites.

Plan of Action

Plan of action items for Fridley Naval Industrial Reserve Ordnance Plant are grouped below according to program category.

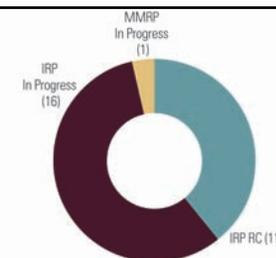
IRP

- Continue O&M in FY10-FY11.
- Evaluate potential to replace two extraction wells in FY10-FY11.
- Evaluate and optimize the extraction system in FY10-FY11.
- Continue to develop an exit strategy in FY10-FY11.
- Complete the annual monitoring report as required in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AK057302865500	Media Affected:	Groundwater and Soil
Location (Size):	Galena, Alaska (162 acres)	Funding to Date:	\$ 23.3 million
Mission:	Served as an active refueling stop for aircraft bound for the Soviet Union under the Lend-Lease program in World War II, and later as a forward operating location for the Air Force as part of the NORAD Mission	Est. CTC (Comp Year):	\$ 65.9 million (FY 2020)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	27 (FY2011)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2011)
Contaminants:	TCE, POLs, benzene, VOCs, SVOCs, metals	Five-Year Review Status:	Planned
		IRP/MMRP Status Table:	Refer to page C-6-5



Progress To Date

Galena Forward Operating Location (FOL) formerly served as an active refueling stop for Soviet Union-bound aircraft, and later as part of the North American Aerospace Defense Command mission. The airport was constructed in 1940, and the Air Force has had joint civilian-military use of the airfield since 1951. Most facilities at Galena Airport are owned by the Air Force, although other non-Air Force properties are also present. Military operations have released hazardous chemicals via spills or historical disposal practices. The Air Force reduced the active duty force at the installation in 1993. In 2005, the BRAC Commission recommended closure of Galena FOL. The installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community in 2004, but it adjourned due to insufficient interest. Galena FOL and the Alaska Department of Environmental Conservation coordinate with local stakeholders (including the Loudon Tribal Council, City of Galena, and Galena City Schools) through the Galena Technical Project Team to address environmental concerns.

The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Galena FOL for FY05 through FY08 is summarized below.

In FY05, Galena FOL sampled base drinking water monthly. The installation conducted a feasibility study (FS) to evaluate cleanup alternatives and a remedial investigation (RI) for multiple sites. The installation also began preliminary assessments (PAs) for all MMRP site locations.

In FY06, Galena FOL continued the RI/FS to assess the extent of contamination. As part of that work, the installation began assessing potential risks to the environment at each IRP site, including potential risks to subsistence resources. The installation continued the PAs at all identified MMRP site locations, and began prioritizing them for cleanup. Galena FOL briefed the RAB on current cleanup activities.

In FY07, Galena FOL continued work on the RI/FS and site characterizations to ensure lands would be transferred properly and facilities released in accordance with BRAC requirements.

Galena FOL continued working to finalize institutional controls (ICs), which minimize the potential for human exposure, and land use controls (LUCs), which restrict use or access to the site, associated with the closure of cleanup operations. Galena FOL completed PAs at all MMRP site locations. The installation briefed the RAB on progress to date and held meetings with the community to maintain awareness and communication.

In FY08, Galena FOL implemented recommendations to improve cleanup, and closed operations at the installation. Under the MMRP, the installation also completed two site inspections (SIs).

FY09 IRP Progress

The installation conducted annual groundwater monitoring and SIs for LUCs/ICs at four sites. Galena FOL completed RIs at seven sites, and began RIs at five additional sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed operations of four cleanup systems.

FY09 MMRP Progress

Galena FOL began an SI; technical issues delayed its completion.

Plan of Action

Plan of action items for Galena Forward Operating Location are grouped below according to program category.

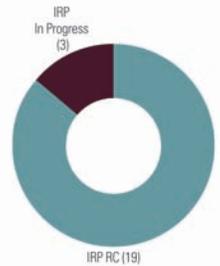
IRP

- Document that no further cleanup action is necessary at 25 sites in FY10.
- Complete RIs for 16 sites in FY10.
- Complete PAs/RIs for 60 sites in FY10-FY11.
- Operate 13 cleanup systems in FY10-FY11.
- Conduct SI and RI fieldwork for 20 sites in FY10-FY11.

MMRP

- Complete SI at one site in FY10.

FFID:	OH597152435700	Funding to Date:	\$ 10.9 million
Location (Size):	Kettering, Ohio (164 acres)	Est. CTC (Comp Year):	\$ 1.9 million (FY 2028)
Mission:	Provided logistical support to the military services by supplying electrical and electronic material	IRP Sites (Final RIP/RC):	22 (FY2002)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Underway and planned
Contaminants:	Solvents, pile runoff (VOCs and SVOCs), metals, residual POLs	IRP/MMRP Status Table:	Refer to page C-7-44
Media Affected:	Soil and Groundwater		



Progress To Date

Gentile Air Force Station (AFS) formerly provided logistical support to the Military Services by supplying electrical and electronic material. Sites identified at the installation include underground storage tanks; areas of past industrial operations; and landfills (LFs) containing construction debris, hardfill, waste oil, solvents, asbestos, low-level radioactive waste, and a subsurface material suspected to be paint thinner. Releases from these sites have contaminated soil and groundwater. In July 1993, the BRAC Commission recommended closure of the Defense Electronics Supply Center (Gentile AFS) and relocation of its mission to the Defense Construction Supply Center in Columbus, Ohio. Gentile AFS closed in December 1996. In FY93, the installation's BRAC cleanup team developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) in FY94 to discuss the installation's cleanup progress with the community. The RAB formally adjourned in FY05. A memorandum of agreement with the Air Force Real Property Agency terminated DLA's involvement in environmental restoration at the installation at the end of FY98. To ensure continuous monitoring and improvement, Gentile AFS completed a five-year review report in FY04.

Environmental studies have identified 22 sites suspected to contain contamination. Twelve sites were closed between FY97 and FY01 with decision documents (DDs), which determined that no further cleanup actions were necessary. Eighteen sites have conditional DDs, determining no further cleanup is necessary if future access is limited to commercial or industrial use. Ten sites are included in two Installation Restoration Program (IRP) DDs, which determined that institutional controls (ICs), which minimize the potential for human exposure, are needed at all ten sites. In FY04, Gentile AFS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. As of FY05, Gentile AFS has transferred all property. Cleanup progress at Gentile AFS for FY05 through FY08 is summarized below.

In FY05, the Gentile AFS transferred the 26-acre Parcel E to the local redevelopment authority. The installation performed cleanup operations at LF 008, Spill Sites (SSs) 028 and 035,

and Waste Pit (WP) 026 under a new performance-based contract.

In FY06, Gentile AFS proceeded with cleanup operations through monitoring groundwater at SSs 028 and 035, and WP 026. Cleanup goals were met at LF 008 and the BRAC cleanup team signed a DD, determining no further cleanup action is necessary. An aqueous solution of food grade vegetable oil and simple sugars was added to the groundwater at each of the sites to serve as a long-term electron donor and accelerate site closure.

In FY07, Gentile AFS continued with cleanup operations through sampling groundwater at SSs 028 and 035, and WP 026. The BRAC cleanup team concurred with a groundwater monitoring optimization program by signing a DD that reduced groundwater sampling for SSs 028 and 035, and WP 026. The installation finalized an updated map showing land use controls, which restrict use or access to a site, and ICs. Gentile AFS formally removed monitoring wells no longer in use from service. The BRAC cleanup team met once.

In FY08, Gentile AFS conducted cleanup operations through sampling groundwater at SSs 028 and 035, and WP 026. In addition, the installation updated the administrative record. The BRAC cleanup team met once.

FY09 IRP Progress

Gentile AFS continued cleanup operations through sampling groundwater at SSs 028 and 035, and WP 026. The installation formally removed from service monitoring wells no longer in use at SS 028. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed completion of the second five-year review report.

The BRAC cleanup team met once.

FY09 MMRP Progress

Gentile AFS has identified no MMRP sites.

Plan of Action

Plan of action items for Gentile Air Force Station are grouped below according to program category.

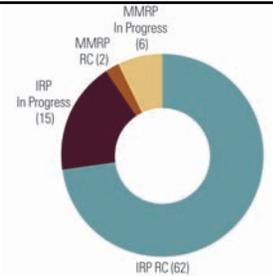
IRP

- Complete the second five-year review report in FY10.
- Continue cleanup operations through sampling groundwater at SSs 028 and 035, and WP 026 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA957002445300	Est. CTC (Comp Year):	\$ 34.1 million (FY 2038)
Location (Size):	Victorville, California (5,062 acres)	IRP Sites (Final RIP/RC):	77 (FY2012)
Mission:	Provided tactical fighter operations support	MMRP Sites (Final RIP/RC):	8 (FY2011)
HRS Score:	33.62; placed on NPL in February 1990	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in October 1990	IRP/MMRP Status Table:	Refer to page C-6-29
Contaminants:	POLs, VOCs, lead, SVOCs, metals, radioactive materials		
Media Affected:	Groundwater, Surface Water, Soil		
Funding to Date:	\$ 120.7 million		



Progress To Date

George Air Force Base (AFB) formerly provided tactical fighter operations support. Environmental studies conducted at George AFB have identified the following site types: landfills (LFs), petroleum spill sites (SSs), underground storage tanks (USTs), waste storage and disposal units, and fire training areas (FTAs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. The 1988 BRAC Commission recommended closure of George AFB; the installation closed in December 1992. In FY92, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at George AFB, and converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

Sites have been grouped into five operable units (OUs). Interim cleanup actions at the installation have included the removal of contaminated soil and more than 80 USTs, the cleanup and closure of a hazardous waste storage yard, and the removal of jet fuel. George AFB has completed two Records of Decision (RODs) for OUs 1 and 3, selecting cleanup actions at these sites. In FY04, George AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight MMRP sites were identified. Cleanup progress at George AFB for FY05 through FY08 is summarized below.

In FY05, George AFB shut down the bioventing system, which was increasing oxygen flow in soil to stimulate microbial activity, at Waste Pit (WP) 017. The installation operated ongoing treatment systems at OUs 1, 2, and 3, and conducted LF monitoring and cap maintenance. George AFB established OU 4 to include eight areas of concern. The OU 1 groundwater treatment system remained in standby mode while George AFB conducted fate and transport modeling, estimating the movement and chemical alteration of contaminants as they move with groundwater. EPA removed the OU 2 fuel-contaminated area from the FFA; cleanup of the fuels and

pesticide sites continued under the State of California corrective action plan. George AFB began evaluating requirements at MMRP sites. The BRAC cleanup team met frequently, and the RAB held one meeting.

In FY06, George AFB continued groundwater modeling for OU 1. The installation identified OU 5, consisting of two volatile organic compound (VOC) soil sources: FTA 082 and SS 083. George AFB installed soil vapor extraction (SVE) systems as interim cleanup at both sites. Jet fuel cleanup and SVE continued at the non-NPL fuel site (formerly OU 2). The installation completed its second five-year review report. The installation cleared and closed the explosive ordnance disposal Proficiency Training Area.

In FY07, George AFB continued to operate SVE systems and monitor groundwater. The installation installed a new SVE system at the former burn pit (FTA 082) and at an aircraft maintenance hangar, Building 676 (SS 083). George AFB calibrated the OU 1 groundwater model and removed jet fuel at non-CERCLA fuel sites. The installation submitted documentation to close the former 40 mm Grenade Range.

In FY08, George AFB documented that no further cleanup actions would be necessary at five soil sites formerly in OU 4, transferred the three remaining OU 4 sites to OU 5, and administratively closed OU 4. The installation continued to fill data gaps for one non-CERCLA fuel site by mapping the extent of the fuel-contaminated groundwater area below Storage Tank (ST) 067b, and began developing a plan for cleanup. George AFB used an updated groundwater model for OU 1 to develop predictive cleanup scenarios. Regulators and the installation agreed to write an updated comprehensive feasibility study (FS) to evaluate cleanup alternatives and support updates to the proposed plan (PP) for OU 1. The installation continued to operate SVE and jet fuel cleanup systems, and to monitor groundwater. Regulators approved George AFB's explanation of significant differences for the ROD for FTA 019a. The installation closed several MMRP sites.

FY09 IRP Progress

George AFB installed additional monitoring wells at Site OU 1 and the non-CERCLA fuel site to support the petroleum corrective action plan (which includes flightline sites) and the

pesticide corrective action plan (which includes the pesticide Dieldrin). The installation continued monitoring and sampling for fuel movement and Dieldrin, and used the data to update groundwater models in support of the corrective action plans. The installation has installed a new SVE system with six extraction wells, at ST 067b, to remove fuel while the Petroleum corrective action plan is prepared. George AFB also completed a field investigation of trichloroethylene (TCE) in groundwater in the floodplain aquifer of the Mojave River to support a future FS/PP and ROD amendment for OU 1. The installation revised the long-term management plan to support the OU 3 Site Other 069 cleanup. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

George AFB closed one site (ZZ 050).

Technical issues delayed the closure of all MMRP sites.

Plan of Action

Plan of action items for George Air Force Base are grouped below according to program category.

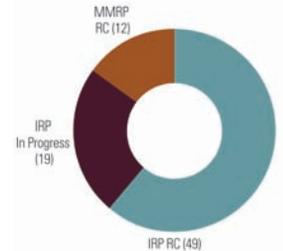
IRP

- Draft petroleum corrective action plan in FY10.
- Complete OU 1 FS/PP and revise groundwater models to support a final ROD amendment for OU 1 in FY11.
- Complete final pesticide corrective action plan and final Petroleum corrective action plan in FY11.
- Complete OU 5 FS/PP in FY11.
- Conduct a five-year review report in FY11.

MMRP

- Complete closure documentation for remaining sites in FY10.

FFID:	NY257002445100	Funding to Date:	\$ 147.4 million
Location (Size):	Rome, New York (3,638 acres)	Est. CTC (Comp Year):	\$ 21.7 million (FY 2050)
Mission:	Supported bomber and tanker operations	IRP Sites (Final RIP/RC):	68 (FY2010)
HRS Score:	34.20; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	12 (FY2004)
IAG Status:	FFA signed in June 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, PCBs, grease, degreasers, caustic cleaners, dyes, penetrants, VOCs, TCE, UXO, SVOCs, radioactive materials, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-125
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The mission of Griffiss Air Force Base (AFB) was to support bomber and tanker aircraft operations. Sites identified at the installation include landfills (LFs), underground storage tanks (USTs), fire training areas, disposal pits, and spill areas, and identified possible off-site groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987; in March 2009, however, EPA delisted 2,897 acres. DoD and EPA signed a federal facility agreement (FFA) in June 1990 to outline how they were going to proceed with cleanup. The 1993 BRAC Commission recommended realignment of Griffiss AFB and the 1995 BRAC Commission recommended further realignment. Following the realignment actions, Griffiss AFB retained 136 acres for Rome Laboratory and Air National Guard Northeast Air Defense Sector facilities. In FY95, Griffiss AFB formed a BRAC cleanup team to develop a process for cleanup of sites at the installation and, with community input, completed the BRAC cleanup plan to prioritize sites requiring environmental restoration. Also in FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The installation received funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, Griffiss AFB completed a five-year review report in FY05.

To date, the installation has signed 32 Records of Decision (RODs) which selected cleanup actions at environmental restoration sites. Griffiss AFB has completed eight RODs documenting no further cleanup action is necessary. Interim cleanup conducted at the facility between FY86 and FY91 included modification of an LF cap; and the removal of contaminated soil and USTs from a tank farm, various disposal pits, and the area adjacent to an aircraft nosedock. In FY04, Griffiss AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. In FY07, Griffiss AFB closed 12 MMRP sites because no further cleanup was required. Cleanup progress at Griffiss AFB for FY05 through FY08 is summarized below.

In FY05, Griffiss AFB awarded the long-term management and long-term operation performance-based contract (PBC). The

installation completed three RODs and its first five-year review report. In addition, Griffiss AFB began cleanup of Three Mile Creek (Storm Drain [SD] site 031) and submitted proposed plans (PP) to select cleanup actions for six additional sites. The RAB met twice and the BRAC cleanup team met four times.

In FY06, Griffiss AFB issued a PBC for cleanup of the trichloroethylene (TCE)-contaminated areas and four petroleum-contaminated groundwater sites. The installation completed cleanup of LF 6 and Three Mile Creek, and completed cleanup at all MMRP sites.

In FY07, Griffiss AFB awarded a three-year PBC for the completion of the petroleum landfarming operation, in which soil would be spread in a thin layer and microbial activity stimulated. The installation completed screening sampling on identified soil vapor intrusion sites, where volatile chemicals were moving from the soil to the indoor air of the building above. Griffiss AFB completed the ROD for the Small Arms Range, and regulators concurred on the PPs for three of four chlorine-contaminated areas. The installation closed 12 MMRP sites.

In FY08, Griffiss AFB began installing cleanup systems at three chlorine-contaminated areas. The installation sampled additional soil vapor and obtained concurrence on future cleanup plans for the majority of the sites. Griffiss AFB awarded a project for soil vapor cleanup evaluation and installation. The installation started fieldwork for the new landfarming project and continued cleanup at four petroleum-contaminated sites. Griffiss AFB issued a revised PP for LF 1. Griffiss AFB held one public meeting, two RAB meetings, and four BRAC cleanup team meetings.

FY09 IRP Progress

EPA delisted 2,897 acres from the NPL in March. Griffiss AFB completed five PPs, and five RODs covering six sites. Griffiss AFB installed cleanup systems at three chlorine-contaminated areas, and awarded a contract to select and install the cleanup system at the fourth site. A ROD amendment eliminated the requirement for a system to collect and treat leachate, which is liquid that seeps from an LF. The installation completed two RODs associated with soil vapor intrusion. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the PP for Building 101.

The RAB met twice and the BRAC cleanup team met four times.

FY09 MMRP Progress

Griffiss AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Griffiss Air Force Base are grouped below according to program category.

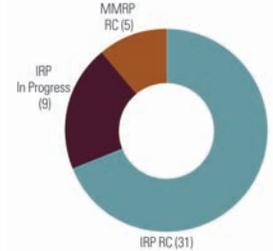
IRP

- Complete cleanup of petroleum-contaminated soils and decommission landfarming operations in FY10.
- Complete six PPs in FY10.
- Complete five RODs and conduct a five-year review report in FY10.
- Complete five-year review report in FY10.
- Begin installing cleanup systems at the fourth chlorinated area in FY11.
- Begin installing the final soil vapor intrusion system in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	IN557212447200	Media Affected:	Groundwater and Soil
Location (Size):	Peru, Indiana (2,722 acres)	Funding to Date:	\$ 28.8 million
Mission:	Supports tanker aircraft operations of the 434th Air Refueling Wing; formerly supported bomber aircraft operations	Est. CTC (Comp Year):	\$ 15.4 million (FY 2042)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	40 (FY2011)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	5 (FY2002)
Contaminants:	Household and industrial waste, radioactive contamination, spent solvents, metals, fuels, SVOCs, lead, waste oils, asbestos, VOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-84



Progress To Date

Grissom Air Force Base (AFB) was established as Bunker Hill Naval Air Station in 1942 and became an Air Force installation in 1954 that supported bomber aircraft operations. Grissom AFB has most recently supported tanker aircraft operations of the 434th Air Refueling Wing. Contaminated sites include outdoor and indoor small arms firing ranges, a munitions burn/burial area, a grenade training range, a firing-in butt site, oil-water separator sites, underground storage tank (UST) sites, aboveground storage tank sites, a B-58 aircraft burial site, a central heat plant site, fire training areas, landfills, and various maintenance shops and spill sites (SSs). In July 1991, the BRAC Commission recommended realignment of the installation. Following realignment in September 1994, the Air Force retained 1,400 acres as Grissom Air Reserve Base (ARB). In FY07, the Air Force Real Property Agency used BRAC funding to complete cleanup and transfer the other 1,322 acres to the Miami County Economic Development Authority, the State of Indiana, and several private entities. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. The BRAC cleanup team developed a BRAC cleanup plan with community input in FY94 to prioritize sites requiring environmental restoration. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Grissom AFB and Grissom ARB both completed five-year review reports in FY06.

Records of Decision (RODs) or decision documents (DDs) have been signed for 12 sites at Grissom AFB and 27 sites at Grissom ARB, selecting cleanup actions or determining that no further cleanup action is necessary. In FY04, Grissom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Grissom AFB and Grissom ARB for FY05 through FY08 is summarized below.

In FY05, Grissom AFB demonstrated that natural processes had cleaned up the petroleum groundwater contamination migrating from the flightline gas station at Building 14. The Indiana Department of Environmental Management approved the cleanup plans for Buildings 14, 407, and 424. Grissom AFB completed the investigation and cleanup of the UST site at

Building 747 and the groundwater remedial investigation at Building 190 (SS 190). The installation revised the groundwater monitoring plan for Fire Protection Training Areas (FPTAs) 1 and 2 to reduce long-term groundwater monitoring costs. Grissom AFB transferred 94 acres to the Grissom Redevelopment Authority and began evaluating requirements at identified MMRP sites. The BRAC cleanup team met monthly.

In FY06, Grissom ARB closed sites with previously leaking USTs at Buildings 14, 407, and 424; the installation took all monitoring wells at Buildings 14, 407, 424, and 747 out of service. Grissom AFB completed a feasibility study to evaluate cleanup alternatives for SS 190 and submitted a draft ROD to the Indiana Department of Environmental Management and EPA Region 5. Grissom ARB and Grissom AFB completed their first five-year review reports. The BRAC cleanup team met monthly and the RAB met twice.

In FY07, Grissom AFB completed the ROD for SS 190 and continued groundwater monitoring. The installation also developed supplemental surveys, documents finding property suitable to transfer, and deeds for Parcel C1-D1 and the central heat plant. These documents completed the transfer of Grissom AFB. Grissom ARB took over hosting the RAB from the Grissom AFB.

In FY08, Grissom AFB prepared documentation for participation in the regional performance-based contract (PBC) for voluntary investigation and cleanup of the central heat plant. Grissom AFB submitted a report on the completion of cleanup for the central heat plant, which the State of Indiana approved. Grissom AFB managed land use controls (LUCs), which restrict use of or access to the site, as well as institutional controls (ICs), which are tools that minimize the potential for human exposure. The Indiana Department of Environmental Management agreed that Grissom AFB need only monitor groundwater at SS 190 and FPTAs 1 and 2 once every five years, in support of five-year review reports. Grissom AFB briefed the RAB for the final time on the status of cleanup.

FY09 IRP Progress

Grissom AFB sampled groundwater at FPTAs 1 and 2, and SS 190. Grissom ARB awarded a PBC that applies to Sites Oil/Water Separator site 741 and Storage Tank (ST) site 08. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Grissom AFB and Grissom ARB conducted no MMRP actions.

Plan of Action

Plan of action items for Grissom Air Force Base are grouped below according to program category.

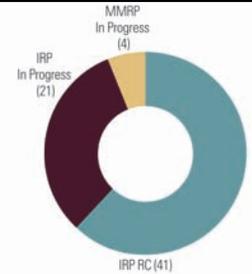
IRP

- Modify three RODs or DDs to remove groundwater restrictions at three sites in FY10.
- Close five sites with continued cleanup using natural processes in FY10.
- Monitor groundwater at six Grissom ARB sites in FY10.
- Manage LUCs/ICs at 14 sites on Grissom AFB in FY10-FY11.
- Complete five-year review reports for both Grissom ARB and Grissom AFB in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	GU917002753200, GU917002758300, GU917002758500, and GU917002757600	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Apra Harbor, Guam (15,306 acres)	Funding to Date:	\$ 159.9 million
Mission:	Operated facilities; provided services and materials; issued weapons and ordnance in support of operating forces of the Navy; provided services for Guam Naval Activities	Est. CTC (Comp Year):	\$ 61.9 million (FY 2028)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	62 (FY2017)
IAG Status:	IAG signed in FY93	MMRP Sites (Final RIP/RC):	4 (FY2018)
Contaminants:	PCBs, POLs, pesticides, heavy metals, VOCs, SVOCs	Five-Year Review Status:	Planned
		IRP/MMRP Status Table:	Refer to page C-6-65 and C-7-21



Progress To Date

Guam Apra Harbor Complex consists of Navy commands in the Apra Harbor area and the former Naval Magazine area southeast of the harbor. The BRAC Commission recommended four of the commands (Guam Naval Activities [NAVACTS], Naval Fleet and Industrial Supply Center, Naval Ship Repair Facility [NSRF], and Public Works Center) for realignment or closure in 1995. NSRF ceased operations in September 1997. Operations that contributed to contamination included support of naval operating forces and shore activities, photographic and printing shops, a dry cleaning plant, power plants and boilers, pest control operations, and chemical and medical laboratories. Wastes were stored and disposed of in landfills and wastewater treatment plants. The installation formed a BRAC cleanup team to develop a process for cleanup of sites. The complex completed a joint community relations plan in FY92 to prioritize sites requiring environmental restoration. DoD and EPA signed an interagency agreement (IAG) in FY93 to outline how they were going to proceed with cleanup. In FY94, the complex established an information repository. Formed in FY94, the complex converted its technical review committee responsible for communicating cleanup progress with the community, into a Restoration Advisory Board in FY95.

To date, the installation has completed cleanup at 44 sites. The installation also transferred 2,725 acres to the Government of Guam and decided to retain NSRF. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. To date, the installation has signed Decision Documents (DDs) determining no further action for five sites, which determined that no further cleanup activities were necessary for these sites. Cleanup progress at Guam Apra Harbor Complex for FY05 through FY08 is summarized below.

In FY05, Guam Apra Harbor Complex completed DDs determining no further action for NAVACTS Site 28. The Complex has also held a public meeting and two BRAC cleanup team meetings. The BRAC cleanup team reviewed a proposed plan for Areas of Concern 1 and 3, and EPA and Guam EPA attended the Navy public meeting to provide cooperative regulator support. The installation worked closely with EPA and Guam EPA to resolve the language used in the

DD for land use controls (LUCs), which restricts use of and access to sites, and institutional controls, which are tools that minimize the potential for human exposure.

In FY06, Guam Apra Harbor Complex continued to resolve LUC language issues concerning transferred parcels.

In FY07, Guam Apra Harbor Complex reached resolution on LUC language issues concerning transferred parcels.

In FY08, Guam Apra Harbor Complex implemented a resolution on LUC language issues in the DD and LUC work plan for NAVACTS Site 28 (Old WESTPAC Area).

FY09 IRP Progress

Guam Apra Harbor Complex finalized a DD and LUC work plan for NAVACTS Site 28 (Old WESTPAC Area). The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Guam Apra Harbor Complex are grouped below according to program category.

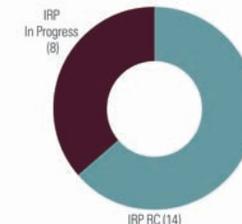
IRP

There are no IRP actions scheduled for FY10 or FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MA157172442400	Est. CTC (Comp Year):	\$ 10.0 million (FY 2020)
Location (Size):	Bedford, Massachusetts (826 acres)	IRP Sites (Final RIP/RC):	22 (FY2003)
Mission:	Support Headquarters Electronic Systems Center	MMRP Sites (Final RIP/RC):	None
HRS Score:	50.00; placed on NPL in May 1994	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in September 2009	IRP/MMRP Status Table:	Refer to page C-6-100
Contaminants:	VOCs, chlorinated solvents, gasoline, jet fuel, metals, PCBs		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 38.9 million		



Progress To Date

Hanscom Air Force Base (AFB) supports the Air Force Electronic Systems Center. Operations at Hanscom AFB have involved generation, use, and disposal of numerous hazardous substances. Possible sources of contamination include a former industrial wastewater treatment system, a former filter bed and landfill (LF) area, a jet fuel residue and tank sludge area, two LFs, three former fire training areas, a paint waste disposal area, a mercury spill area, former aviation fuel handling and storage facilities, underground storage tanks, and fuel spill areas. The potential risk to human health and the environment was significant enough for EPA to place Hanscom Field/Hanscom AFB on the NPL in May 1994. The NPL site designation includes Hanscom AFB and former portions of the installation leased from the Commonwealth of Massachusetts between 1942 and 1974. The leased property included the flightline and airfield areas of the installation that are now L.G. Hanscom Field, a civilian airport. DoD and EPA signed federal facility agreement (FFA) to outline how they are going to proceed with cleanup in September 2009. The 2005 BRAC Commission recommended Hanscom AFB for realignment. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation signed three five-year review reports: one in FY97, one in FY02, and one in FY07.

To date, the installation has closed 14 sites; no further construction of cleanup systems is required at the remaining 8 sites. The installation has signed Records of Decisions (RODs) for operable units (OUs) 1 and 3 (Installation Restoration Program [IRP] Sites 6 and 21), which selected cleanup actions at these sites. Hanscom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Hanscom AFB for FY05 through FY08 is summarized below.

In FY05, the installation operated cleanup systems at OUs 1, 2, and 3 (IRP Sites 6 and 21); the Army and Air Force Exchange Services service station; and base motor pool sites.

In FY06, Hanscom AFB continued operating cleanup systems at OUs 1, 2, and 3 (IRP Sites 6 and 21); the Army and Air Force Exchange Services service station; and base motor pool sites.

In FY07, Hanscom AFB continued operating cleanup systems at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites. The installation finalized the OU 1 ROD. The installation also completed the third five-year review report for the Hanscom Field/Hanscom AFB NPL site, which concluded that all cleanup systems were protective of human health and the environment. Hanscom AFB completed a five-year review report for the two Massachusetts Contingency Plan sites, which recommended continued monitoring. Under the MMRP, the installation began a preliminary assessment (PA).

In FY08, Hanscom AFB continued operating cleanup systems at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites. The installation evaluated the arsenic-contaminated area. The RAB held one meeting; EPA and the community were satisfied with cleanup progress.

FY09 IRP Progress

Hanscom AFB continued to operate, maintain and monitor the long-term remedies in place at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites. The installation continued to monitor and enforce land use controls (LUCs) to ensure that groundwater is not used for human consumption, and that future land use does not increase the risk of exposure to contaminants while the remedies operate to meet the cleanup goals. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The RAB held one meeting; regulators and the community were satisfied with cleanup progress.

FY09 MMRP Progress

Technical issues delayed completion of the PA. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the Military Munitions Response Program.

Plan of Action

Plan of action items for Hanscom Air Force Base are grouped below according to program category.

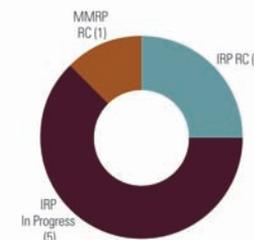
IRP

- Complete accelerated cleanup at Site 13 in FY10.
- Complete maintenance of the LF cap at OU 2 in FY10.
- Continue to operate, maintain, and monitor the long-term remedies in place at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites in FY10-FY11.
- Continue to monitor and enforce LUCs at all sites in FY10.

MMRP

- Complete confirmatory soil sampling at two potentially contaminated areas in FY10.
- Complete PAs in FY10.

FFID:	NE79799F041100	Funding to Date:	\$ 97.4 million
Location (Size):	Hastings, Nebraska (48,753 acres)	Est. CTC (Comp Year):	\$ 56.2 million (FY 2040)
Mission:	Produce, load, and store ammunition	IRP Sites (Final RIP/RC):	7 (FY2014)
HRS Score:	42.24; placed on NPL in June 1986	MMRP Sites (Final RIP/RC):	1 (FY2002)
IAG Status:	IAG signed in 1998	Five-Year Review Status:	Completed
Contaminants:	UXO, VOCs, PAHs, heavy metals, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-111
Media Affected:	Groundwater and Soil		



Progress To Date

Operations at the Blaine Naval Ammunition Depot contributed to groundwater and soil contamination at the Hastings Groundwater Contamination Site. The U.S. Army Corps of Engineers (USACE) designated five operable units (OUs) at the property: three OUs for the 2,900-acre Hastings East Industrial Park and two others. The three OUs at the industrial park are divided into: soil (OU 4), the vadose zone (OU 8), which is directly beneath the surface, and groundwater (OU 14). OU 16 includes the explosives disposal area and the bomb and mine complex at the naval yard dump, and OU 15 contains a 44,500-acre area of the former Blaine Naval Ammunition Depot not included in the other OUs. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in June 1986. DoD and EPA signed an interagency agreement (IAG) in FY98 to outline how they were going to proceed with cleanup. In FY99, USACE formed a Restoration Advisory Board (RAB) to discuss the installations cleanup progress with the community. To ensure continuous monitoring and improvement, USACE completed five-year review reports in FY02 and FY09.

To date, the Army has signed Records of Decision (ROD) for two soil contaminants, which selected cleanup actions for numerous locations across the site. One ROD applies the removal of explosives and metal-contaminated surface soil, and the second ROD applies to the removal of carcinogenic polyaromatic hydrocarbons (PAHs)-contaminated surface soil. In FY96, the installation approved a cleanup project for one site suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one site was identified and cleanup at the site is complete. Cleanup progress for the Hastings Groundwater Contamination Site for FY05 through FY08 is summarized below.

In FY05, USACE completed cleanup of soils at the non-residential properties contaminated with carcinogenic PAHs. USACE also installed wells for groundwater tests; which will help to improve the design of groundwater treatment systems. USACE provided technical and legal support to the Department of Justice (DOJ) in the ongoing litigation with a potentially responsible party (PRP) for environmental cleanup at this property.

In FY06, USACE conducted additional groundwater investigations; began the proposed plan (PP) and addendum to the groundwater feasibility study (FS) to evaluate cleanup alternatives; and conducted pre-design efforts for the groundwater cleanup, including completion of groundwater testing and preliminary pipeline design. USACE supported DOJ in settlement efforts. Regulators approved the recurring review report on munitions and explosives of concern.

In FY07, USACE completed cleanup of lead-contamination identified at OU 16 and submitted the final FS to regulators. USACE also continued to evaluate groundwater cleanup options and support pre-design assessments.

In FY08, USACE completed the FS report addendum to evaluate cleanup alternatives for groundwater, identified the preferred groundwater cleanup method, and conducted a public meeting on the proposed groundwater cleanup plan. USACE awarded the design and construction contract for groundwater cleanup. The PRP settlement with the DOJ was approved. The RAB held quarterly meetings.

FY09 IRP Progress

USACE completed the OU 16 focused FS, submitted the OU 15 PP for regulatory review, began pre-design efforts for groundwater cleanup, and completed the five-year review report. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues and changes in estimating criteria.

Regulatory issues delayed the final DOJ settlement payment from the PRP. Regulatory issues also delayed the groundwater cleanup ROD.

FY09 MMRP Progress

USACE conducted no actions at this property.

Plan of Action

Plan of action items for Hastings Groundwater Contamination Site are grouped below according to program category.

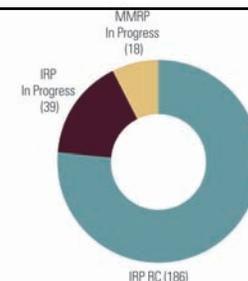
IRP

- Complete the OU 14 groundwater ROD, OU 15 PP, and OU 16 focused FS addendum in FY10.
- Obtain final payment of DOJ settlement payment from the PRP in FY10.
- Complete the design and begin construction of the OU 14 groundwater cleanup system in FY11.
- Complete the decision document to select cleanup actions at OU 15 in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	UT857172435000	Funding to Date:	\$ 335.6 million
Location (Size):	Ogden, Utah (6,698 acres)	Est. CTC (Comp Year):	\$ 352.1 million (FY 2027)
Mission:	Provide logistics support for weapons systems	IRP Sites (Final RIP/RC):	225 (FY2012)
HRS Score:	49.94; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	18 (FY2016)
IAG Status:	FFA signed in April 1991; IAG signed in September 2006	Five-Year Review Status:	Completed and planned
Contaminants:	Solvents (TCE, PCE, TCA, 1,2 DCA, DCE), metals, petroleum products, PCBs, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-168
Media Affected:	Groundwater, Surface Water, Soil		



Progress To Date

The mission of Hill Air Force Base (AFB) is to provide logistics support for weapons systems, host two fighter wings, and operate the Utah Test and Training Range. Site types at Hill AFB include disposal pits, landfills, surface impoundments, underground storage tanks, fire training areas, firing ranges, discharge and wastewater ponds, a contaminated building, a munitions dump, and spill sites. Contaminants include solvents (primarily trichloroethylene [TCE]), fuels, acids, bases, and plating solutions. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in April 1991 to outline how they were going to proceed with cleanup at Hill AFB. The Air Force also signed an interagency agreement (IAG) in September 2006 covering the Utah Test and Training Range and the Little Mountain Test Annex that outlined cleanup procedures for each site. The 2005 BRAC Commission recommended Hill AFB for realignment. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY98, FY03, and FY08.

To date, the installation has signed Records of Decision (RODs) which selected cleanup actions for nine operable units (OUs). In FY07, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight sites were added to the inventory. Cleanup progress at Hill AFB for FY05 through FY08 is summarized below.

In FY05, Hill AFB constructed and operated cleanup systems at four sites, completed cleanup at three sites, completed the study phase for four sites, closed one site, and reduced the risk of OU 9. The installation also signed a ROD for OU 8, installed a groundwater extraction well system to prevent further spreading of the contaminated area at OU 8, and constructed a treatment system at OU 12. Hill AFB held four public meetings and made 11 presentations to city councils and planning boards representing cities adjacent to the base. The RAB held 12 meetings.

In FY06, Hill AFB constructed and operated cleanup systems at 2 sites and completed cleanup at 27 areas of concern at the Utah Test and Training Range. The installation also signed a ROD for OU 5. Hill AFB implemented a performance monitoring program to evaluate and manage the effectiveness of cleanup system operations. Additionally, the installation completed the proposed plan for OU 9 and successfully recycled 400 tons of iron practice bombs into material suitable for use in a permeable reactive barrier to treat TCE-contaminated groundwater. The installation participated in six city council meetings, held five public meetings, and held meetings with five local city mayors to discuss cleanup activities affecting surrounding communities. The RAB held 12 meetings.

In FY07, Hill AFB constructed and operated cleanup systems at one site, and completed cleanup at two AOCs at the Utah Test and Training Range. The installation discovered polychlorinated biphenyl (PCB) contamination in soils at an on-site military housing area and began a removal action. Hill AFB submitted RODs for OUs 9 and 12 to regulatory agencies for review. The installation completed preliminary assessment work for all previously identified MMRP sites and eight sites (formerly FUDS) that were added to the inventory.

In FY08, Hill AFB finalized and signed the ROD for OU 12, and completed its third five-year review report; no significant deficiencies were identified. The installation also completed removal of PCB-contaminated soils at the on-site military housing area and received regulatory concurrence. Hill AFB constructed the cleanup system at OU 1 and performed remedial investigations (RIs) at four OUs. The installation participated in five city council meetings and held three public information meetings. The RAB held 10 meetings.

FY09 IRP Progress

Hill AFB completed the construction of the cleanup system at OU 12. The installation also constructed and operated cleanup systems at OU 12 and OU North Range (NR) 1. Hill AFB completed an indoor air sampling study that resulted in a significant reduction in liability. Additionally, Hill AFB completed a removal action at OU South Range (SR) 2, consolidating asbestos debris and multiple waste piles into an on-site landfill. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative and technical issues delayed the removal action at OU 1.

The RAB held quarterly meetings, two working group meetings, and eight training sessions. Hill AFB participated in seven city council meetings and held two public information meetings.

FY09 MMRP Progress

Hill AFB completed site inspection (SI) fieldwork at eight sites.

Administrative issues delayed the completion of SI fieldwork at five sites and the completion of surface clearances at all sites.

Plan of Action

Plan of action items for Hill Air Force Base are grouped below according to program category.

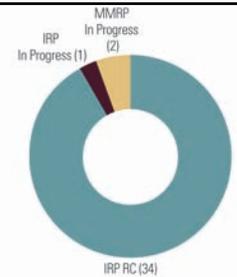
IRP

- Submit RODs for OUs 11, 13, A, and NR 1 for regulatory review in FY10.
- Install and operate the cleanup system at OU 2, and require no further construction of cleanup systems in FY10.
- Submit RODs for OUs 9, NR 2, and SR 1 for regulatory review in FY11.
- Require no further construction of cleanup systems at OUs 11, 13, SR 2, A, and NR 2 in FY11.

MMRP

- Complete SI fieldwork at remaining five sites in FY10.
- Complete surface clearances at all sites in FY10.
- Begin RI fieldwork at sites requiring further characterization in FY10.

FFID:	FL457212403700	Funding to Date:	\$ 34.4 million
Location (Size):	Homestead, Florida (2,938 acres)	Est. CTC (Comp Year):	\$ 1.1 million (FY 2038)
Mission:	Houses the 482rd Reserve Fighter Wing and is host to several other government agencies	IRP Sites (Final RIP/RC):	35 (FY2006)
HRS Score:	42.24; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	2 (FY2016)
IAG Status:	FFA signed in February 1991	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, solvents, VOCs, PCBs, heavy metals, jet fuel, PAHs, cyanide	IRP/MMRP Status Table:	Refer to page C-7-17
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

Homestead Air Force Base (AFB) was established as an Army airfield in 1942 and became an Air Force installation in 1955 to house the Strategic Air Command. Sites identified at the installation include the JP-4 jet fuel leak area, a landfill, fire pit training areas, various spill sites, underground storage tanks (USTs), aboveground storage tanks, and oil-water separators. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in February 1991 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended realignment of the installation. Following realignment in March 1994, the Air Force retained 852 acres and the Army retained 10 acres. In 2003, the Air Force acquired an additional 1,091 acres that included the airfields; the combined 1,943 acres became known as Homestead Air Reserve Base (ARB). Homestead ARB's environmental restoration program is managed by the Air Force Reserve Command (AFRC). To date, 976 acres of the former Homestead AFB have been transferred, primarily to the local redevelopment authority and other federal agencies; the Air Force Real Property Agency (AFRPA) manages restoration on this 976-acre BRAC property. In 1994, AFRC and AFRPA formed a BRAC cleanup team to develop a process for the cleanup of sites. AFRC and AFRPA formed a Restoration Advisory Board (RAB) in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, AFRC completed a five-year review report for sites on Homestead ARB. Also in FY05, AFRPA completed a five-year review report for sites on the BRAC property.

Interim cleanup has included the removal of USTs and contaminated soil, groundwater extraction and treatment, and the removal of oil-water separators. By FY95, the installation closed 400 restoration sites after determining that no further cleanup actions were required; the installation consolidated the remaining sites into 5 major fuel areas and 30 operable units (OUs). The installation signed Records of Decision (RODs) selecting cleanup actions for OUs 1 through 7, 11, 12, 15, 18, 20, 21, and 25 through 31. In FY04, AFRC conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Homestead ARB and

the BRAC property for FY05 through FY08 is summarized below.

In FY05, AFRC completed a five-year review report of sites on Homestead ARB in concurrence with regulators. EPA approved AFRPA's demonstration of proper and successful cleanup system operation at OU 26. The installation updated the solid waste management unit inventory to reflect current ownership for renewal of the RCRA Hazardous and Solid Waste Amendments permit. The BRAC cleanup team and RAB each met twice.

In FY06, AFRC and AFRPA finalized the RCRA Hazardous and Solid Waste Amendments permit renewal with the state. AFRC and AFRPA completed and signed RODs for four AFRC sites (OUs 12, 15, 25, and 27) and four BRAC sites (OUs 20, 21, 30, and 31). AFRC and AFRPA also completed the ROD for the land portion of OU 11 (BRAC), designating responsibilities to AFRC. AFRPA transferred 24 acres to Miami-Dade County. Under the MMRP, AFRC completed a pilot evaluation of potential environmental hazards at a former practice grenade range (Grenade Range 047). The BRAC cleanup team and RAB continued to meet twice per year.

In FY07, AFRC and AFRPA continued cleanup operations and long-term management (LTM) at AFRC and BRAC sites as required by individual RODs, including: groundwater monitoring; inspections of land use controls, which restrict use of or access to a site; and inspections of institutional controls, which minimize the potential for human exposure. AFRPA transferred LTM of the land portion of OU 11 to AFRC. Under the MMRP, AFRC completed fieldwork for a follow-up expanded site inspection (SI) to the initial evaluation of Grenade Range 047. AFRC completed a limited site assessment and removed lead-contaminated soil at the former small arms firing range.

In FY08, AFRC and AFRPA continued cleanup operations and LTM at AFRC and BRAC sites.

FY09 IRP Progress

AFRC and AFRPA continued cleanup operations and LTM at AFRC and BRAC sites. The cost of completing environmental

restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

AFRC finalized the expanded SI report for Grenade Range 047.

Administrative issues delayed the follow-up work at Grenade Range 047 and the former small arms firing range.

Plan of Action

Plan of action items for Homestead Air Force Base are grouped below according to program category.

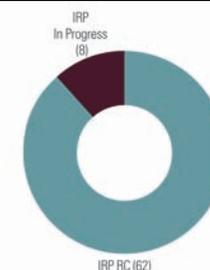
IRP

- Complete five-year review reports for sites on the ARB and on the BRAC property in FY10.
- Continue cleanup operations and LTM in FY10-FY11.

MMRP

- Complete follow-up environmental investigations through site closure at two MMRP sites in FY10-FY11.

FFID:	CA917002278400	Funding to Date:	\$ 594.6 million
Location (Size):	San Francisco, California (934 acres)	Est. CTC (Comp Year):	\$ 531.6 million (FY 2042)
Mission:	Repaired and maintained ships	IRP Sites (Final RIP/RC):	70 (FY2017)
HRS Score:	48.77; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in September 1990 and revised in January 1992	Five-Year Review Status:	Completed
Contaminants:	Heavy metals, PCBs, petroleum hydrocarbons, VOCs, SVOCs, radioactive materials, explosives and propellants	IRP/MMRP Status Table:	Refer to page C-6-27
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The mission at Hunter's Point Annex-Treasure Island Naval Station (NS) was to repair and maintain ships. Military activities have resulted in environmental contamination. Site types include landfills and land disposal areas, containing primarily heavy metals, volatile organic compounds (VOCs), and radioactive materials. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) with the Navy in September 1990, which was revised in January 1992, to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of Hunter's Point Annex-Treasure Island NS. The station ceased operations in April 1994, and is now under the responsibility of Naval Facilities Engineering Command, Southwest. Parts of the installation have been leased to private parties. The installation formed a BRAC cleanup team in FY94 to prioritize sites requiring environmental restoration. The installation also converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board in FY94. The installation revised its community relations plan in FY97 and in FY04. The BRAC cleanup team updates the site management plan every quarter.

The installation completed a Record of Decision (ROD), which determined that no further cleanup activities were necessary at Parcel A and conveyed the parcel to the San Francisco Redevelopment Agency. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Hunter's Point Annex-Treasure Island NS for FY05 through FY08 is summarized below.

In FY05, the installation conveyed Parcel A to the San Francisco Redevelopment Agency. The installation also treated additional sites on Parcels B and C. In addition, the installation issued a new proposed plan (PP) to support a ROD amendment. The installation completed feasibility studies (FSs) to evaluate cleanup alternatives at Parcels C, D, and F; a remedial investigation and FS at Parcel E2; and three removal actions on Parcel E.

In FY06, Hunter's Point Annex-Treasure Island NS completed four removal actions at Parcels E and E2. The installation also completed contaminant investigations to support the transfer of Parcel B. The installation also completed removal actions at the Metal Reef, Metal Slag, and polychlorinated biphenyl (PCB) sites.

In FY07, Hunter's Point Annex-Treasure Island NS completed a removal action at Parcel B to investigate and remove radioisotopes at Installation Restoration (IR) site 50. The installation also completed the removal action at IR 02.

In FY08, Hunter's Point Annex-Treasure Island NS finalized the FS and associated radiological addenda at Parcels C and D. The station also obtained radiological free-release clearances at Buildings 813 and 819. The installation completed the removal action at Site 26 and the closeout at Metal Reef, Metal Slag, and PCB sites. The Navy also completed radiological surveys on high priority structures at Parcels B and D.

FY09 IRP Progress

Hunter's Point Annex-Treasure Island NS signed three RODs for Parcels C and G, and Utility Corridor (UC) site 1. The installation also completed a treatability study (TS) for the Parcel D groundwater at Sites 9, 33, and 71. Additionally, the installation issued a PP, and continued to draft the ROD for Parcel C. Hunter's Point Annex-Treasure Island NS continued removal actions at UC 1 and UC 2, Parcels B and G, the design for cleanup for Parcel B (Sites 7 and 18), and Parcel G; and the FS and associated radiological addendum for Parcels E2 and F.

Contractual issues delayed the TS for Parcel E.

FY09 MMRP Progress

Hunter's Point Annex-Treasure Island NS has identified no sites.

Plan of Action

Plan of action items for Hunter's Point Annex-Treasure Island Naval Station are grouped below according to program category.

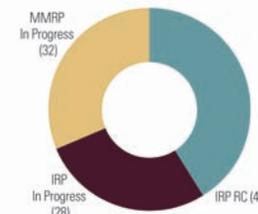
IRP

- Complete groundwater TS for Parcel E in FY10.
- Finalize the FS and associated radiological addendum for Parcels E2 and F in FY10.
- Complete no further action ROD for Parcel D, and radiological data gaps investigation for Parcel F in FY10.
- Draft a ROD for Parcel C, and continue removal actions at UC 1 and UC 2 in FY10.
- Complete design for cleanup for Parcel B (Sites 7 and 18), and complete the radiological removal actions and design for cleanup for Parcels B and G in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MD317002410900	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Indian Head, Maryland (3,423 acres)	Funding to Date:	\$ 54.9 million
Mission:	Provide services in energetics through engineering, operational support, manufacturing technology; conduct research, development, and testing of energetic and ordnance device	Est. CTC (Comp Year):	\$ 75.0 million (FY 2021)
HRS Score:	50.00; placed on NPL in February 1995	IRP Sites (Final RIP/RC):	70 (FY2020)
IAG Status:	FFA signed in December 2000.	MMRP Sites (Final RIP/RC):	32 (FY2020)
Contaminants:	Propellants, explosives, acids, paints, solvents, heavy metals, radioactive material, TCE, wastewater, VOCs, SVOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-96



Progress To Date

Naval Support Facility, Indian Head (Indian Head) provides services in energetics for all warfare centers, including engineering, fleet and operational support, manufacturing technology, limited production, and industrial base support. The installation produces and handles complex chemicals to accomplish this mission. Lead, silver, and mercury are the primary contaminants of concern. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1995. DoD and EPA signed a federal facility agreement (FFA) in FY01 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Indian Head for realignment. A technical review committee was formed in FY93, responsible for communicating cleanup progress with the community, which converted to a Restoration Advisory Board in FY95. The installation prepared a community relations plan and established an information repository. In FY98, the administrative record became available in an electronic format, which is updated periodically. To ensure continuous monitoring and improvement, Indian Head completed five-year review reports for Sites 12 and 42 in FY07.

To date, Indian Head has signed Records of Decision (RODs), which selected cleanup actions for eight sites and No Further Action RODs, or equivalent decision documents (DDs), which determined no further cleanup activities were necessary at 28 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Indian Head for FY05 through FY08 is summarized below.

In FY05, Indian Head completed a baseline assessment of potential risks to the environment for Sites 11, 17, and 47. The installation also completed investigation fieldwork at Sites 2, 4, 7, 18, 23, 36, 38, and 43. The installation signed DDs determining no further action for Sites 3, 9, 20, 33, 39, 45, 46, 48, 58, 59, and 61, and RODs for Sites 39, 42, and 45. Indian Head completed preliminary assessments, site recommendations, site prioritization, and cost analysis documents for all sites.

In FY06, Indian Head completed removal and cleanup actions at Sites 17, 42, and 57. The installation also completed engineering evaluations and cost analyses (EE/CA) for Sites 6 and 28, and a feasibility study (FS) to evaluate cleanup alternatives for Site 57. Additionally, the installation completed a baseline assessment of potential risks to the environment for Sites 28, 47, and the Lab Area. The installation completed investigation reports for Sites 2, 4, 7, 18, and 23, and signed a ROD for Site 42. The installation also signed DDs determining no further action for Sites 2, 4, 7, 18, 23, 26, 56, the wetland area adjacent to Site 45, and Solid Waste Management Unit (SWMU) 30. Under the MMRP the installation restarted removal actions at Unexploded Ordnance (UXO) 32, and completed the identification, demilitarization, and disposal of scrap munitions items.

In FY07, Indian Head completed an FS for Site 11 and completed a baseline assessment of potential risk to the environment for Site 6. The installation also completed investigations at Sites 1, 8, 19, 26, 27, 36, and SWMUs 14 and 30. Indian Head signed DDs determining no further action for Sites 24 and 26, and completed the ROD for Site 57. Indian Head also completed a five-year review report for Sites 12 and 42.

In FY08, Indian Head completed investigation reports for Sites 36 and 38. The installation also completed FSs for Sites 17 and 47.

FY09 IRP Progress

Indian Head signed a ROD for Site 11 and completed field investigations for Sites 8 and 43. The installation also completed FSs for Sites 17 and 47, and completed investigation reports for Sites 1, 19, 27, and SWMU 14. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed cleanup actions at Sites 11, 17, 21, and 57.

FY09 MMRP Progress

Regulatory issues delayed completion of the work plan for eight MMRP sites and four water ranges at the main installation. Regulatory issues also delayed fieldwork and sampling at 16 MMRP sites at Stump Neck Annex and the removal action at UXO 32.

Plan of Action

Plan of action items for Indian Head Naval Surface Warfare Center are grouped below according to program category.

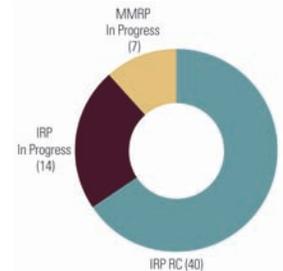
IRP

- Complete cleanup actions at Sites 11, 17, 21, and 57 in FY10.
- Complete FSs for the Lab Area and Site 38 in FY10-FY11.
- Complete EE/CA for Sites 19 and 27 in FY10-FY11.
- Complete cleanup actions for Sites 47 and 57 in FY10-FY11.
- Complete RODs for Sites 6, 17, and 28 in FY10-FY11.

MMRP

- Complete SIs for eight sites and four water ranges at the main installation in FY10.
- Complete SIs for 16 sites at Stump Neck Annex in FY10.
- Complete removal actions at UXO 32 in FY10.
- Complete cleanup actions at UXO 32 in FY10-FY11.

FFID:	IA721382044500	Funding to Date:	\$ 101.7 million
Location (Size):	Middletown, Iowa (19,011 acres)	Est. CTC (Comp Year):	\$ 23.9 million (FY 2039)
Mission:	Load, assemble, and pack munitions	IRP Sites (Final RIP/RC):	54 (FY2011)
HRS Score:	29.73; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	7 (FY2013)
IAG Status:	IAG signed in September 1990	Five-Year Review Status:	Completed and underway
Contaminants:	Explosives, low-level radioactive materials, heavy metals, VOCs, SVOCs, propellants	IRP/MMRP Status Table:	Refer to page C-6-85
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

In 1941, the Army constructed the Iowa Army Ammunition Plant (AAP) to load, assemble, and pack various conventional ammunition and fuzing systems. The installation has three operable units (OUs): soil (OU 1), groundwater (OU 3), and overall (OU 4). During operations, industrial process wastewater and by-products were disposed at the installation. Site types include surface impoundments, production areas, landfills, and a fire-training pit. Soil and groundwater contamination resulted primarily from disposal of explosives and heavy metal-containing wastes directly onto the soil. The installation also identified small amounts of contamination by volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place Iowa AAP on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in December 1990 to outline how they were going to proceed with cleanup. Restoration activities through FY00 included closing one cell in the inert landfill, removing aboveground treatment tanks, removing lead-contaminated soil from a production line, and cleaning up an abandoned coal storage yard. The installation formed a Restoration Advisory Board (RAB) in FY97 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, the installation has completed two interim Records of Decision (RODs) and one final ROD, which selected cleanup actions for sites with soil contamination. In FY02, Congress designated the installation for inclusion into the Formerly Utilized Sites Remedial Action Program to address impacts from former Atomic Energy Commission industrial activities. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Iowa AAP for FY05 through FY08 is summarized below.

In FY05, Iowa AAP completed the design for cleanup at OU 1 and supplemental remedial investigation (RI) sampling at OU 4. Additionally, the installation conducted the off-site groundwater pilot study and also began the on-site groundwater treatability study. Iowa AAP completed the five-year review report. The

installation's RAB received training on endangered species, well monitoring, and the CERCLA process.

In FY06, Iowa AAP continued soil treatment at Site IAAP 020 and completed the on-site groundwater treatability study. The installation also completed the baseline assessment of potential risks to the environment. At Bush Creek, the installation implemented point source controls. Under the MMRP, Iowa AAP began site inspections (SIs) at three suspected sites. The RAB reviewed project activities and provided stakeholder input.

In FY07, Iowa AAP completed the soil removal at OU 1, and an explanation of significant differences to remove radiological contaminants as an area of analysis from the interim ROD for soils at OU 1. The installation also completed the feasibility study (FS) to evaluate cleanup alternatives and the proposed plan for the OU 4 Inert Disposal Area. Under the MMRP, Iowa AAP completed an SI and historical records review for seven sites. All sites proceeded to the RI phase in accordance with the statement of dispute resolution.

In FY08, Iowa AAP completed the explanation of significant differences to merge soil actions from OU 4 with OU 1; these additional soil removals were completed. The installation completed and signed the interim ROD for closure of the inert disposal area at OU 4. The RAB held four meetings to receive advice and conduct training. Iowa AAP held one on-site tour of restoration sites.

FY09 IRP Progress

Iowa AAP completed the cleanup action report for OU 1 and off-site groundwater design for cleanup at OU 3. The installation also completed the explanation of significant differences to change the soil treatment method from bioremediation, which uses natural processes for cleanup, to alkaline hydrolysis, which is a faster chemical process.

FY09 MMRP Progress

Iowa AAP completed the RI fieldwork at seven sites.

Plan of Action

Plan of action items for Iowa Army Ammunition Plant are grouped below according to program category.

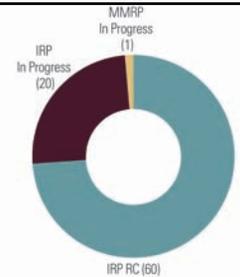
IRP

- Complete soil treatment for OUs 1 and 4 in FY10.
- Close inert disposal area in FY10
- Complete an FS and ROD for OU 3 in FY10-FY11.
- Complete an RI and FS for OU 4 in FY10-FY11.

MMRP

- Complete RI report in FY10.

FFID:	FL417002441200	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Jacksonville, Florida (3,820 acres)	Funding to Date:	\$ 97.4 million
Mission:	Maintain and operate facilities; provide services and materials to support aviation activities and aircraft overhaul operations	Est. CTC (Comp Year):	\$ 21.6 million (FY 2021)
HRS Score:	31.02; placed on NPL in November 1989	IRP Sites (Final RIP/RC):	80 (FY2014)
IAG Status:	FFA signed in October 1990	MMRP Sites (Final RIP/RC):	1 (FY2016)
Contaminants:	Waste solvents, caustics, cyanide, heavy metals, POLs, low-level radioactive wastes, oils, paints, PCBs, pesticides, phenols, radioisotopes, VOCs, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-53



Progress To Date

Jacksonville Naval Air Station (NAS) maintains and operates facilities and provides services and materials to support aviation activities and aircraft overhaul operations. The installation includes the following site types: fire fighting training areas, waste storage and disposal areas, transformer storage areas, radioactive-waste disposal areas, and other miscellaneous support and maintenance areas. Typical operations have generated solvents, sludge (from on-site treatment plants), and low-level radioactive waste, which have migrated into nearby soil and local groundwater supplies. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Jacksonville NAS for realignment. In FY88, the installation formed technical review committee responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. In FY91, the installation completed its community relations plan and established an administrative record and information repository. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY05.

To date, the installation has completed Records of Decision (RODs), which selected cleanup actions for Operable Units (OUs) 2 and 3, and Point Sources of Contamination (PSCs) 11, 16, 21, 46, 47, 51, and 52. The installation also concluded that no further action was necessary for cleanup of Underground Storage Tanks 13 and 17. In FY02, Jacksonville NAS conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Jacksonville NAS for FY05 through FY08 is summarized below.

In FY05, Jacksonville NAS completed RODs for PSCs 46 and 51. The installation also completed a five-year review report and completed optimizations of PSCs 11 (Building 780), 26, and 48 (Building 106). The installation performed cleanup at PSC 46 and conducted a treatability study (TS) at PSC 47. The installation determined no further action was required for Petroleum-Contaminated Area 14. Under the MMRP,

Jacksonville NAS developed the cost-to-complete cleanup for the identified site.

In FY06, Jacksonville NAS completed the ROD for PSC 11 Area A. The installation also completed a proposed plan for PSCs 11 and 52. Under the MMRP, the installation began site assessments for seven potential MMRP sites.

In FY07, Jacksonville NAS completed and received regulatory approval for the TS at PSC 47, and completed the remedial investigation and feasibility study to evaluate cleanup alternatives. The installation also completed the ROD for PSC 52 and received regulatory approval. The installation continued the groundwater contaminated area assessment at OU 3, and also continued monitoring cleanup using natural processes and long-term management (LTM). Under the MMRP, Jacksonville NAS started a site inspection (SI) for unexploded ordnance (UXO) site 1.

In FY08, Jacksonville NAS completed and received regulatory approval for the ROD at PSC 47. The installation continued the groundwater contaminated area assessment at OU 3, and continued monitored cleanup using natural processes and LTM. The installation began excavation of contaminated soils at OU 8. Under the MMRP, Jacksonville NAS developed a uniform federal policy quality assurance plan to complete the explosives safety submission for the site.

FY09 IRP Progress

Jacksonville NAS continued the groundwater contaminated area assessment at OU 3. The installation also continued cleanup and LTM at OU 1, and PSCs 15 and 47. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Jacksonville NAS drafted the explosives safety submission for OU 8. The installation also started SIs for UXO 1 and PSCs 22 and 23.

Plan of Action

Plan of action items for Jacksonville Naval Air Station are grouped below according to program category.

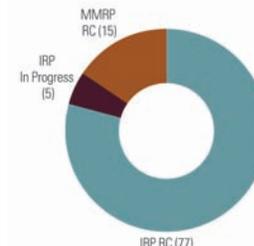
IRP

- Complete five-year review reports at several sites in FY10-FY11.
- Continue monitored cleanup using natural processes and LTM at OU 3 in FY10-FY11.
- Complete RODs for several sites in FY10-FY11.

MMRP

- Complete SI at UXO 1, and PSCs 22 and 23 in FY10.
- Implement explosives safety submission for OU 8 in FY10.

FFID:	IN521382045400	Funding to Date:	\$ 28.9 million
Location (Size):	Madison, Indiana (55,270 acres)	Est. CTC (Comp Year):	\$ 4.1 million (FY 2035)
Mission:	Performed production acceptance testing of ammunition, weapons, and their components	IRP Sites (Final RIP/RC):	82 (FY2005)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	15 (FY2003)
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Solvents, petroleum products, VOCs, PCBs, heavy metals, depleted uranium, UXO	IRP/MMRP Status Table:	Refer to page C-7-24
Media Affected:	Groundwater and Soil		



Progress To Date

Jefferson Proving Ground was built to perform production acceptance testing of ammunition, weapons, and their components. The sites south of the firing line, identified during environmental studies, included landfill and disposal areas, hazardous waste storage areas, fire training areas, underground storage tanks (USTs), and buildings with asbestos-containing materials. Contaminants at Jefferson Proving Ground include depleted uranium, heavy metals, unexploded ordnance (UXO), solvents, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), and petroleum hydrocarbons. Interim cleanup actions have included a landfill cap, removal of USTs, and excavation of contaminated soil. In December 1988, the BRAC Commission recommended closure of Jefferson Proving Ground and relocation of its mission to Yuma Proving Ground in Arizona. The installation closed on September 30, 1995. The 50,774 acres north of the firing line, included in the 1995 BRAC program, is contaminated with UXO. The installation plans to retain the site indefinitely for use as a wildlife sanctuary and for other government uses. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY96, the installation issued an updated community relations plan. In FY99, the installation procured technical assistance for public participation funding to support the RAB.

To date, Jefferson Proving Ground has transferred approximately 1,200 acres, including: the Defense Reutilization and Marketing Office Parcel area, the Airfield Parcel, the Western Wooded Parcel, the Northeast Parcel, and the central cantonment area. The installation has signed one Record of Decision (ROD), which selected cleanup actions for areas south of the firing range. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Jefferson Proving Ground for FY05 through FY08 is summarized below.

In FY05, Jefferson Proving Ground completed the ROD for areas south of the firing line.

In FY06, Jefferson Proving Ground received a license amendment from the Nuclear Regulatory Commission to grant

a five-year site characterization report of the depleted uranium area. The installation, the Nuclear Regulatory Commission, and a local environmental group discussed concerns about the depleted uranium area. The installation transferred the Northeast Parcel.

In FY07, Jefferson Proving Ground obtained EPA approval of the proposed plan and completed soil restoration fieldwork for the Open Burn Unit. The installation also continued the five-year site characterization report of the depleted uranium area to support the restricted release license termination plan.

In FY08, Jefferson Proving Ground obtained EPA Region V approval of the construction completion report for the Open Burn Unit. The installation continued the five-year site characterization report of the depleted uranium area. The Nuclear Regulatory Commission held an administrative law hearing and received a final decision from the Nuclear Regulatory Commission Atomic Safety and Licensing Board panel, which concluded that the installation's five-year site characterization field sampling plan was adequate.

FY09 IRP Progress

Jefferson Proving Ground continued the five-year depleted uranium area site characterization report. The installation also completed the soil removal action at the Open Burn Unit and received EPA concurrence for cleanup completion. Additionally, the installation continued monitored cleanup using natural processes at the groundwater solvent pits.

FY09 MMRP Progress

Jefferson Proving Ground conducted no MMRP actions.

Plan of Action

Plan of action items for Jefferson Proving Ground are grouped below according to program category.

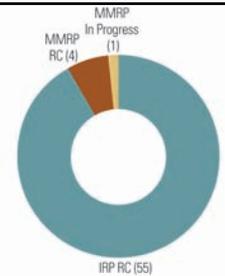
IRP

- Continue five-year depleted uranium area site characterization report in FY10.
- Continue monitored cleanup using natural processes at the groundwater solvent pits in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	IL521382046000	Media Affected:	Groundwater and Soil
Location (Size):	Wilmington, Illinois (1,730 acres)	Funding to Date:	\$ 126.0 million
Mission:	Manufacture, load, assemble, and pack munitions and explosives	Est. CTC (Comp Year):	\$ 15.1 million (FY 2014)
HRS Score:	35.23 (Loading, Assembling, and Packing Area); placed on NPL in March 1989; 32.08 (Manufacturing Area); placed on NPL in July 1987	IRP Sites (Final RIP/RC):	55 (FY2008)
IAG Status:	IAG signed in June 1989	MMRP Sites (Final RIP/RC):	5 (FY2014)
Contaminants:	Explosives, heavy metals, VOCs, PCBs, SVOCs, propellants	Five-Year Review Status:	Completed and underway
		IRP/MMRP Status Table:	Refer to page C-6-81



Progress To Date

The Army constructed Joliet Army Ammunition Plant (AAP) in the early 1940s. It was one of the largest munitions and explosives manufacturers in the Midwest. Installation operations included manufacturing explosives and loading, assembling, and packing munitions for shipment. The potential risk to human health and the environment was significant enough for EPA to place the 9,159-acre Manufacturing Area and the 14,385-acre Loading Area on the NPL in July 1987, and March 1989, respectively. The installation consolidated all environmental restoration sites into two operable units (OUs): one for groundwater contamination and another for soil contamination. DoD and EPA signed an interagency agreement (IAG) in June 1989 to outline how they were going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the Soil and Groundwater OUs in FY05.

To date, the installation has transferred nearly 22,000 acres, including: 15,000 acres to the U.S. Forest Service; approximately 2,800 acres to the State of Illinois for reuse as industrial parks; 2,630 acres to U.S. Department of Agriculture (USDA); 982 acres to U.S. Department of Veterans Affairs; and 455 acres to Will County, Illinois. The installation also has completed three Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. Joliet AAP completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Joliet AAP for FY05 through FY08 is summarized below.

In FY05, Joliet AAP completed cleanup at the TNT Area. The installation also awarded a performance-based contract (PBC) for landfills and groundwater. Under the MMRP, the PBC included line items to conduct post-site inspection (SI) actions at four sites.

In FY06, Joliet AAP completed cleanup and developed documentation to transfer 235 acres to the State of Illinois. The installation also completed cleanup and developed documentation to transfer 580 acres to USDA. Joliet AAP completed cleanup at Sites L1, L4, L7, L8, L9, L10, M2, and

M9, and continued the long-term management (LTM) program for groundwater.

In FY07, Joliet AAP excavated all contaminated soil located in the Soil OU. The installation also completed bioremediation of all soils contaminated by explosives, totaling 276,000 tons. Joliet AAP continued LTM. Under the MMRP, the installation completed cleanup at all sites and identified one new site.

In FY08, Joliet AAP completed cleanup at Soil OU sites and started LTM. The installation also completed the final three landfill caps and started LTM at landfills, and continued LTM at Groundwater OU sites.

FY09 IRP Progress

The installation implemented LTM for groundwater, landfills, and institutional controls, which are tools that minimize the potential for human exposure. The installation also completed five-year review reports for Soil and Groundwater OUs with EPA approval. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed acreage transfers to USDA and the State of Illinois.

FY09 MMRP Progress

Joliet AAP completed SI fieldwork for the new extended buffer site.

Regulatory issues delayed completion of the ROD to close three sites.

Plan of Action

Plan of action items for Joliet Army Ammunition Plant are grouped below according to program category.

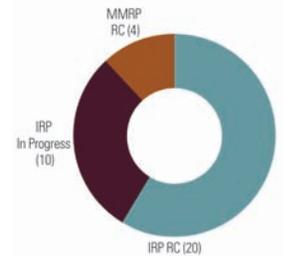
IRP

- Continue LTM of groundwater sites and long-term operations of closed landfills in FY10.
- Transfer acreage to USDA and the State of Illinois in FY10.

MMRP

- Begin remedial investigation for the new extended buffer site and obtain regulatory approval in FY10.
- Complete ROD to close three sites in FY10.

FFID:	MI557002476000	Funding to Date:	\$ 60.1 million
Location (Size):	Gwinn, Michigan (4,953 acres)	Est. CTC (Comp Year):	\$ 24.1 million (FY 2038)
Mission:	Conducted long-range bombardment and air refueling operations	IRP Sites (Final RIP/RC):	30 (FY2006)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	4 (FY1999)
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	POLs, pesticides, heavy metals, solvents, SVOCs, VOCs, PCBs	IRP/MMRP Status Table:	Refer to page C-6-103
Media Affected:	Soil, Groundwater, Surface Water, Sediment		



Progress To Date

K.I. Sawyer Air Force Base (AFB) formerly conducted long-range bombardment and air refueling operations. Environmental studies have been in progress at the installation since FY84. Sites identified include landfills, fire training areas (FTAs), underground storage tanks (USTs), aboveground storage tank spill sites, drainage pits, and a drainage pond. The primary contaminants affecting soil and groundwater are petroleum hydrocarbons, trichloroethylene (TCE), tetrachloroethylene (PCE), vinyl chloride, and heavy metals. In July 1993, the BRAC Commission recommended closure of K.I. Sawyer AFB, deactivation of the 410th Wing, and transfer of the base's mission. In September 1995, the installation closed. In 1994, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY99, the installation received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, the installation completed its first five-year review report in FY06.

Interim cleanup has included removal of USTs, removal and cleanup of contaminated soil, installation of groundwater extraction wells, construction and operation of a groundwater treatment plant, removal of fuel from groundwater at the former petroleum/oil/lubricant (POL) storage area (Storage Tank [ST] 004), and installation of bioventing systems that increase oxygen flow in the soil to stimulate microbial activity. To date, no further cleanup action is required at 21 sites. In FY03, the installation transferred 93 acres to the County of Marquette. The installation transferred all remaining property to the Hannah Indian Community in FY07. In FY04, K.I. Sawyer AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at K.I. Sawyer AFB for FY05 through FY08 is summarized below.

In FY05, the installation completed sampling for the soil vapor extraction (SVE) system at FTA 006 in anticipation of system shutdown and removal from service. K.I. Sawyer AFB also began closeout sampling at Drainage Pond 002. The installation developed a shutdown plan at Site Other (OT) 013. Groundwater monitoring continued at various sites. K.I. Sawyer

AFB transferred additional property. The RAB held one meeting.

In FY06, the installation completed improvements to groundwater monitoring, which reduced the frequency and number of wells sampled. K.I. Sawyer AFB also continued limited groundwater sampling at Drainage Pond 002. K.I. Sawyer AFB continued working toward completion of cleanup at the Defense Fuels Supply Point (OT 013) and combined Escanaba Areas 1 and 2 for purposes of property transfer. The installation completed its first five-year review report. K.I. Sawyer AFB continued monitoring and routinely inspecting sites. The installation evaluated requirements at MMRP sites. The RAB held its annual meeting.

In FY07, the installation transferred the 40-acre OT 013 to the Hannah Indian Community, which completed the transfer of all remaining property.

In FY08, K.I. Sawyer AFB continued long-term management of Installation Restoration Program (IRP) sites. The installation dismantled and removed the SVE system at FTA 006. K.I. Sawyer AFB prepared documentation to support the regional performance-based contract (PBC).

FY09 IRP Progress

K.I. Sawyer AFB completed removing soil at OT 013 for areas not responding to either biosparging, in which contaminants in groundwater are dissolved by stimulating microbial activity, or SVE. The installation prepared the OT 013 treatment system to remain in place for long-term inactivity. K.I. Sawyer AFB also completed improvements at ST 004. The installation refreshed the groundwater improvements for the base and improved routine inspections. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The installation decided not to award the PBC in the form proposed in FY08.

FY09 MMRP Progress

K.I. Sawyer AFB conducted no MMRP actions.

Plan of Action

Plan of action items for K.I. Sawyer Air Force Base are grouped below according to program category.

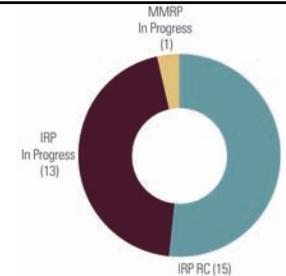
IRP

- Complete second five-year review report in FY10.
- Award performance-based restoration contract for the installation in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	KS721382046700	Funding to Date:	\$ 41.3 million
Location (Size):	Labette County, Kansas (13,727 acres)	Est. CTC (Comp Year):	\$ 10.4 million (FY 2039)
Mission:	Produce munitions and maintain replenishment production capability	IRP Sites (Final RIP/RC):	28 (FY2012)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2010)
IAG Status:	N/A	Five-Year Review Status:	Underway
Contaminants:	Explosives, metals, dioxins, furans, VOCs, SVOCs, propellants, PCBs	IRP/MMRP Status Table:	Refer to page C-6-86
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Army established Kansas Army Ammunition Plant (AAP) in 1941 to produce munitions and maintain replenishment production capability during World War II. The original construction consisted of three load lines, four component areas, an ammonium nitrate area, five explosive storage areas, an inert storage area, and a maintenance and administration area. Areas of environmental concern include production areas, landfills, open burning cages, open burning pads, an open detonation area, and miscellaneous maintenance and support areas. Kansas AAP has detected explosives in groundwater in some production areas and some contamination at all landfill areas. Primary contaminants of concern in the production and open burning areas are explosives and metals. Two closed landfill areas contained volatile organic compounds (VOCs), semivolatle organic compounds (SVOCs), and metals in surface soils and groundwater. The 2005 BRAC Commission recommended Kansas AAP for closure.

Kansas AAP has removed explosives contamination and metals-contaminated soils at the 900 Area, 1000 Area, 1100 Area, and open burn areas. Cleanup progress at Kansas AAP for FY05 through FY08 is summarized below.

In FY05, Kansas AAP completed the closure and post-closure plan for the 700 Area Groundwater. Kansas AAP also completed a corrective measures study (CMS) to identify sites requiring corrective action for groundwater and landfill covers. Additionally, the installation completed remedial investigations at KAAP 43.

In FY06, Kansas AAP presented the installation's selected cleanup actions in a Statement of Basis to the public. In response to the BRAC 2005 recommendation for closure, the installation started a report summarizing the environmental conditions of all transferable property.

In FY07, Kansas AAP completed the CERFA report, which documented all uncontaminated property undergoing closure or realignment. and the report on the environmental condition of all transferable property. The installation upgraded the landfill covers at KAAP 03, 04, and 05, and continued long-term management (LTM) of groundwater.

In FY08, Kansas AAP continued LTM of groundwater, removed three solid waste management units (SWMUs) (300, 500, and 800) from the LTM program, with concurrence from EPA and the Kansas Department of Health and Environment. Kansas AAP also completed an environmental assessment to support land transfer. Kansas AAP awarded a contract for a site inspection (SI) of the site suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

FY09 IRP Progress

Kansas AAP completed an investigation of tetrachloroethylene (PCE) at 1100 Area and began an investigation of the Open Detonation Area. The installation also capped and covered the remaining landfill areas at SWMU 15 (Active Landfill). The State of Kansas approved the cap upgrades at SWMUs 14 and 16. Kansas AAP developed the CERFA technical memorandum. Kansas AAP continued removal actions at the 1200 Area and conducted groundwater monitoring. Kansas AAP began to close the Great Plains Development Authority hazardous waste storage igloos, explosive waste incinerator, and the pistol range. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Technical issues delayed completion of the 1200 Area soil removal project.

FY09 MMRP Progress

Kansas AAP completed the Old Ammunition Storage Area expanded SI, which determined that no further cleanup action was necessary.

Plan of Action

Plan of action items for Kansas Army Ammunition Plant are grouped below according to program category.

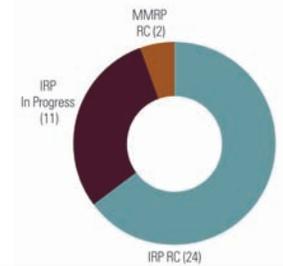
IRP

- Complete the 1200 Area soil removal project in FY10.
- Close the hazardous waste storage igloos, Burn Pads 5 and 6, explosive waste incinerator, the pistol range, the contaminated waster processor, and Active Landfill in FY10.
- Complete the five-year review report for sites listed in the CMS in FY10.
- Complete corrective measures at the skeet range and sewage treatment plant in FY10.

MMRP

- Complete a report documenting no further cleanup action is required at the Old Ammunition Storage Area in FY10.

FFID:	TX657172433300	Est. CTC (Comp Year):	\$ 51.6 million (FY 2023)
Location (Size):	San Antonio, Texas (3,997 acres)	IRP Sites (Final RIP/RC):	35 (FY2006)
Mission:	Provided depot-level aircraft and engine repair	MMRP Sites (Final RIP/RC):	2 (FY2008)
HRS Score:	N/A	Five-Year Review Status:	Completed and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-6-160
Contaminants:	Metals, VOCs, SVOCs, PCBs		
Media Affected:	Groundwater, Surface Water, Soil		
Funding to Date:	\$ 285.4 million		



Progress To Date

Kelly Air Force Base (AFB) formerly provided depot-level aircraft and engine repair. Sites identified at the installation include landfills, spill sites (SSs), former fire training areas, low-level radioactive waste sites, underground storage tanks, aircraft maintenance areas, sludge lagoons, and sludge-spreading beds. In July 1995, the BRAC Commission recommended closure and realignment of Kelly AFB. The airfield and all associated support activities were realigned to Lackland AFB, Texas. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Kelly AFB. That same year, the BRAC cleanup team developed the first BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) in FY94 to discuss cleanup progress with the community. In FY99, the installation received technical assistance for public participation funding. In FY04, the installation updated the community relations plan. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY06.

To date, the installation has transferred 1,517 acres to the local redevelopment authority. In FY04, Kelly AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Kelly AFB for FY05 through FY08 is summarized below.

In FY05, Kelly AFB completed installing Zone 4 off-base shallow groundwater cleanup systems, and completed construction of the final groundwater and soil cleanup system in Zone 2. The installation submitted the closure report for the former industrial wastewater treatment plant. Kelly AFB discussed the assessments of potential risks to the environment around Leon Creek with regulators. The installation began evaluating requirements at the installation's MMRP sites. The RAB met quarterly; the BRAC cleanup team met once a month.

In FY06, regulators approved the assessments of potential risks to the environment around Leon Creek and the Zones 2 and 3 corrective measures. Regulators further approved closure of 10 Installation Restoration Program (IRP) sites in Zone 2. Kelly AFB transferred approximately 106 acres to the local

redevelopment authority. The installation completed the first five-year review report and submitted it to regulators. The installation developed a sampling plan for soils, associated with the small arms firing range. The installation conducted long-term management (LTM) and operations of cleanup systems. The RAB met quarterly; the BRAC cleanup team met five times.

In FY07, regulators approved the modification to the RCRA compliance plan for final cleanup systems for Zones 4 and 5 sites, including cleanup for the off-base shallow groundwater. In addition, the installation submitted a modification to the RCRA compliance plan to regulators for approval of final cleanup for sites in Zones 2 and 3. Kelly AFB completed the installation of soil cleanup systems at four Zone 3 sites. The installation closed Site D 10. Kelly AFB demolished the former small arms firing range (Building 3430) and took soil samples to prepare a closure report. Kelly AFB continued LTM and operations of cleanup systems. The RAB and BRAC cleanup team each met quarterly.

In FY08, Kelly AFB submitted the RCRA permit renewal application to regulators. Regulators determined cleanup systems in Zones 4 and 5 were operating properly and successfully, which supported the property transfer of 1,017 acres to the local redevelopment authority. The installation completed the planned soil cleanup for Zone 3. Kelly AFB continued LTM and operations of cleanup systems (including permeable reactive barriers). Under the MMRP, the installation closed the indoor small arms firing range (Site Ordnance Ranges 00008). The RAB and BRAC cleanup team each met three times.

FY09 IRP Progress

Kelly AFB renewed their RCRA permit and received approval for modifications to the RCRA permit for final remedies at sites in Zones 2 and 3. The installation complied with the Texas Commission on Environmental Quality permit and compliance plan. Kelly AFB continued operations and maintenance (O&M) on soil and groundwater treatment systems, and excavated and restored SS 040. The installation transferred 72 acres to the local redevelopment authority, after obtaining a determination of operating properly and successfully from the regulators. The

cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Kelly AFB closed the small arms firing range.

Plan of Action

Plan of action items for Kelly Air Force Base are grouped below according to program category.

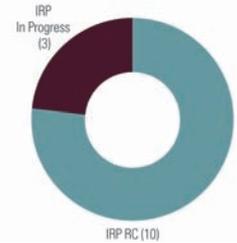
IRP

- Install and operate Electrical Resistive Heating System at SS 003 to enhance current cleanup actions in FY10.
- Initiate five-year review report in FY10.
- Continue O&M on soil and groundwater treatment systems in FY10-FY11.
- Continue compliance with the Texas Commission on Environmental Quality Permit and Compliance Plan in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA017002341900	Funding to Date:	\$ 34.6 million
Location (Size):	Keyport, Washington (340 acres)	Est. CTC (Comp Year):	\$ 8.8 million (FY 2036)
Mission:	Test, prove, overhaul, and issue torpedoes	IRP Sites (Final RIP/RC):	13 (FY2007)
HRS Score:	32.61; placed on NPL in October 1989	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in FY90	Five-Year Review Status:	Completed and underway
Contaminants:	VOCs, heavy metals, petroleum hydrocarbons, herbicides, fuel, PCBs, pesticides, SVOCs	IRP/MMRP Status Table:	Refer to page C-7-57
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Operations at the Keyport Naval Undersea Warfare Center (NUWC), including torpedo plating, refurbishing, and disposal, contributed to contamination at the property. Environmental investigations at the installation have identified sites such as underground storage tanks, sumps, spill sites, a landfill, and an underground trench. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in FY90 to outline how they were going to proceed with cleanup. In September 1995, the BRAC Commission recommended realignment of Keyport NUWC. The center's responsibility for maintaining combat system consoles and its general industrial workload were moved to Puget Sound Naval Shipyard. In FY89 the installation formed a technical review committee, responsible for communicating cleanup with the community, and converted it to a Restoration Advisory Board in FY95. Keyport NUWC completed a community relations plan in FY90 and updated it in FY00. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

The installation has completed a Record of Decision, which selected cleanup actions at Operable Units (OUs) 1 and 2. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Keyport NUWC for FY05 through FY08 is summarized below.

In FY05, Keyport NUWC operated a cleanup system at OU 1 and conducted long-term management (LTM) at OUs 1 and 2. The installation also completed a second five-year review report. Additionally, the installation resolved sediment issues.

In FY06, Keyport NUWC continued to operate a cleanup system at OU 1 and continued LTM at OUs 1 and 2. The installation also completed an optimization study for OU 1.

In FY07, Keyport NUWC continued to operate a cleanup system at OU 1 and continued LTM at OUs 1 and 2.

In FY08, Keyport NUWC continued to operate a cleanup system at OU 1 and continued LTM at OUs 1 and 2.

FY09 IRP Progress

Keyport NUWC continued to operate a cleanup system at OU 1 and continued LTM at OUs 1 and 2.

FY09 MMRP Progress

Keyport NUWC has identified no MMRP sites.

Plan of Action

Plan of action items for Keyport Naval Undersea Warfare Center are grouped below according to program category.

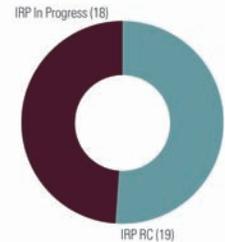
IRP

- Complete a five-year review report in FY10.
- Continue to operate the cleanup system at OU 1 in FY10-FY11.
- Continue LTM at OUs 1 and 2 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MO721382048900	Funding to Date:	\$ 145.6 million
Location (Size):	Independence, Missouri (3,935 acres)	Est. CTC (Comp Year):	\$ 72.3 million (FY 2038)
Mission:	Manufacture, store, and test small-arms munitions	IRP Sites (Final RIP/RC):	37 (FY2009)
HRS Score:	33.62; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG signed in September 1989	Five-Year Review Status:	Completed and planned
Contaminants:	Explosives, heavy metals, solvents, VOCs, POLs, SVOCs, propellants, radiologicals	IRP/MMRP Status Table:	Refer to page C-6-108
Media Affected:	Groundwater, Surface Water, Soil		



Progress To Date

Lake City Army Ammunition Plant (AAP) is a government-owned, contractor-operated facility. Its mission is to manufacture, store, and test of small arms munitions. Principal site types at the installation include abandoned disposal pits, sumps, firing ranges, old lagoons, old dumps, closed RCRA lagoons, and burning grounds. Groundwater contaminants include volatile organic compounds (VOCs), explosives, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in September 1989 to outline how they were going to proceed with cleanup. Lake City AAP formed a Restoration Advisory Board in FY97 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, Lake City AAP has signed 6 Records of Decision (RODs), which selected cleanup actions for 37 sites. In FY04, the installation completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Lake City AAP for FY05 through FY08 is summarized below.

In FY05, Lake City AAP completed the remedial investigation (RI) and removal actions at Areas 15a, 25, and 26. Lake City AAP also updated the monitoring plan for groundwater at all sites, and began sampling at two off-site wells. The installation completed the characterization of an engineering evaluation and cost analysis for the inactive sumps and continued pump-and-treat operations to cleanup groundwater. Lake City AAP completed its first five-year review report.

In FY06, Lake City AAP continued to operate the pump -and-treat system. Lake City AAP also completed a RI and feasibility studies (FSs) to evaluate cleanup alternatives for the Northeast Corner, Installationwide, and Area 18 Operable Units (OUs).

In FY07, Lake City AAP continued operation of the pump -and-treat system, and completed removal actions at

Area 31 and the inactive sumps. Lake City AAP signed the RODs for the Northeast Corner and Area 18 OU.

In FY08, Lake City AAP selected cleanup actions and began cleanup for the Installationwide, Northeast Corner, and Area 18 OUs. The installation completed the ROD for the Installationwide OU and began groundwater treatment by injecting a solution to remove contaminants. Additionally, the installation continued monitoring at all three OUs, and cleanup at Area 10. Under the MMRP, Lake City AAP began an RI/FS for three sites under investigation.

FY09 IRP Progress

Lake City AAP continued cleanup at Areas 16 and 17B. The installation completed cleanup actions and a removal action at Area 10, which included cleanup of depleted uranium and treatment of lead-contaminated soil. Lake City AAP also completed decision documents and signed the ROD for Area 10. The installation implemented land use controls (LUCs), which restrict the use of and access to four OUs.

Regulatory issues delayed the ROD and LUC implementation at Area 10.

FY09 MMRP Progress

Lake City AAP has identified no MMRP sites.

Plan of Action

Plan of action items for Lake City Army Ammunition Plant are grouped below according to program category.

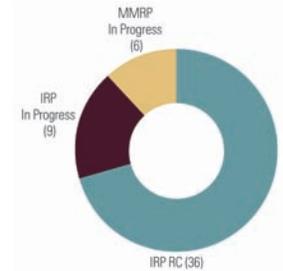
IRP

- Complete a five-year review report in FY10.
- Complete the ROD and implement LUCs for Area 10 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	NJ217002727400	Est. CTC (Comp Year):	\$ 56.3 million (FY 2049)
Location (Size):	Lakehurst, New Jersey (7,382 acres)	IRP Sites (Final RIP/RC):	45 (FY2000)
Mission:	Perform technology development and engineering	MMRP Sites (Final RIP/RC):	6 (FY2017)
HRS Score:	50.53; placed on NPL in July 1987	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in October 1989	IRP/MMRP Status Table:	Refer to page C-6-116
Contaminants:	PCBs, solvents, TCE, waste oils, fuels, VOCs, SVOCs, metals		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 62.9 million		



Progress To Date

Historical operations at Lakehurst Naval Air Engineering Station (NAES) involved handling, storage, and onsite disposal of hazardous substances. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in October 1989 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

To date, the installation has completed Records of Decision, which selected cleanup actions for all environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Lakehurst NAES for FY05 through FY08 is summarized below.

In FY05, Lakehurst NAES conducted testing of the groundwater treatment at Site 16. The installation also performed operation and maintenance (O&M), monitoring, data interpretation, and reporting for three pump-and-treat systems, six spray irrigation systems, one natural restoration site, and four soil vapor extraction (SVE)/bioventing/sparge systems. Under the MMRP, the installation conducted data collection, a site visit, and prepared a preliminary assessment (PA) for the Lakehurst Proving Grounds.

In FY06, Lakehurst NAES completed a five-year review report. The facility expanded treatment of groundwater in Areas I and J, and completed an expansion specification of the treatment systems at Sites 10, 13, 16, 17, and 32. The installation continued O&M, monitoring, data interpretation, and reporting for three pump-and-treat systems, four SVE/bioventing/sparge systems, six spray aeration systems, and one natural restoration site.

In FY07, Lakehurst NAES conducted sampling of buildings in Areas B, H, and K, and installed an additional well in Area B to accelerate treatment of contaminated groundwater. The installation abandoned recovery and monitoring wells at Site 28. The installation updated the quality assurance plan for the remaining sites, and expanded treatment systems at Sites 10,

13, and 17. Under the MMRP, Lakehurst NAES completed the PA and awarded site inspections (SIs) for all sites.

In FY08, Lakehurst NAES conducted an investigation and recovery of contaminants at Site 32. The installation also completed an additional soil and groundwater investigation for Site 42. Lakehurst NAES expanded treatment systems at Sites 10, 13, 16, and 17 to accelerate cleanup of groundwater contamination. Under the MMRP, Lakehurst NAES completed the draft work plan for small range Sites 2, 4, 5, and 6. The installation also conducted a review of the planning process and data quality objectives review for MMRP Lakehurst Proving Ground, including stakeholder review and participation.

FY09 IRP Progress

Lakehurst NAES updated the groundwater transport model for Areas I and J. The installation also began vapor intrusion sampling at Areas B and K. Lakehurst NAES moved the air sparge and SVE systems from Site 10 to Site 42 and prepared to start cleanup.

FY09 MMRP Progress

Regulatory and technical issues delayed SI fieldwork for MMRP small ranges.

Plan of Action

Plan of action items for Lakehurst Naval Air Engineering Station are grouped below according to program category.

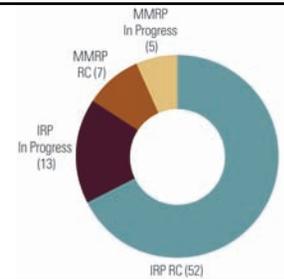
IRP

- Discontinue groundwater recovery and treatment system at Areas A and B in FY10.
- Transfer environmental restoration responsibilities to McGuire Air Force Base in FY10.
- Complete vapor intrusion sampling for Areas B and K in FY10-FY11.
- Develop cleanup completion plans for all remaining sites with regulatory approval in FY10-FY11.
- Update five-year review report for natural restoration progress at Areas I and J in FY10-FY11.

MMRP

- Complete SI work plan and sampling at UXOs 4, 5, and 6, and complete fieldwork at these sites in FY10-FY11.
- Complete SI work plan, draft SI, and sampling at UXOs 1 and 3 in FY10-FY11.
- Complete proposed cleanup plan for UXOs 4, 5, and 6 in FY11.
- Complete final SI at UXOs 1 and 3 in FY11.

FFID:	VA357212447700	Media Affected:	Groundwater, Surface Water, Sediment
Location (Size):	Hampton, Virginia (3,152 acres)	Funding to Date:	\$ 83.8 million
Mission:	Hosted many organizations, including Air Combat Command Headquarters and 480th Reconnaissance Wing	Est. CTC (Comp Year):	\$ 7.3 million (FY 2014)
HRS Score:	50.00; placed on NPL in May 1994	IRP Sites (Final RIP/RC):	65 (FY2010)
IAG Status:	NASA signed a FFA in October 1993; Air Force FFA signed in September 2009	MMRP Sites (Final RIP/RC):	12 (FY2014)
Contaminants:	Pesticides, PCBs, solvents, heavy metals, petroleum products, SVOCs, radioactive materials, VOCs, PAHs, BTEX	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-7-56



Progress To Date

Since 1917, Langley Air Force Base (AFB) has been an airfield, an aeronautical research center, and the home base of the 1st Fighter Wing and Headquarters Air Combat Command. Sites at the installation include landfills (LFs), underground storage tanks, a bulk fuel distribution system, waste pits (WPs), fire training (FT) areas, other sites, and storm sewers. Investigations determined that contaminants are migrating into Tabbs Creek, Back River, and the Chesapeake Bay. The potential risk to human health and the environment was significant enough for EPA to place the installation and the adjacent NASA Langley Research Center on the NPL in May 1994. In FY09, DoD, EPA, and the State signed a federal facility agreement (FFA) to outline how they would proceed with cleanup at Langley AFB. The 2005 BRAC Commission recommended Langley AFB for realignment. The installation formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community.

To date, the installation has signed 15 Records of Decision (RODs), which selected cleanup actions at 20 environmental restoration sites. The installation also completed two decision documents (DD), requiring no further cleanup activities at areas of concern (AOCs) Disposal Pit (DP) 66 and Drainage Ditches (DDs) 66 and 68. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Langley AFB for FY05 through FY08 is summarized below.

In FY05, Langley AFB awarded a five-year performance-based contract (PBC) for the whole installation. The contract includes feasibility studies (FSs) to evaluate cleanup alternatives at LF 17 and AOC 70, Other (OT) site 25, Spill Site (SS) 63, and Waste Pit (WP) 08; and long-term management (LTM) at LFs 01, 05, 07, 10, 11, 12, 18, 22, FT 41, SS 61, and OT 64. The installation also developed an NPL deletion strategy as part of the PBC. The installation began preliminary assessments (PAs) for all MMRP sites.

In FY06, Langley AFB completed interim cleanup actions at OT 06A and SS 61. The installation also amended FSs for LF 17 and OT 25. The installation issued a revised proposed plan (PP) and ROD amendment for LF 01 and completed the

construction of cleanup systems at LFs 01, 11, and 22. Additionally, Langley AFB continued LTM at LFs 05, 07, 12, 18, FT 41, and SS 61. The installation also completed cleanup actions at LF 11; completed FSs at LF 17, SS 63, and OT 25; and drafted RODs and PPs for LF 17, OT 25 and SS 63/Back River Sediments.

In FY07, Langley AFB installed the soil cover at LF 10. The installation drafted a ROD for LF 15, and another ROD for LFs 01, 05, 07, 18, and FT 41. Under the MMRP, Langley AFB completed the PA and began the site inspection (SI).

In FY08, Langley AFB began installing cleanup systems at LF 17, OT 25, and the Lighter-Than-Air Cove portion of SS 63. EPA accepted the finalized FS addendum for WP 02. The installation signed seven RODs: WP 14, LF 17 soil cover, OT 25 soil removal, SS 63 sediment removal, no further cleanup actions at WPs 02 and 08, and LFs 01, 05, 18, 22, and FT 41.

FY09 IRP Progress

DoD and EPA signed an FFA. Langley AFB completed cleanup at LF 17, OT 25, and the Lighter-Than-Air Cove portion of SS 63. The installation also signed RODs for LF 15 and OT 56, which received State concurrence. Langley AFB, EPA, and the State agreed that no further cleanup activities were necessary at AOCs DP 66 and DDs 67 and 68. Langley AFB completed additional groundwater monitoring to determine the effectiveness of the interim cleanup action at OT 64 and SS 06A. The installation completed the final long-term monitoring work plan for 11 sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the ROD for LFs 07, 10, 11, and 12. Technical issues delayed the FS for OT 64 and the cleanup at the Southwest Branch portion of SS 63.

FY09 MMRP Progress

Langley AFB completed the SI and fieldwork at four sites.

Plan of Action

Plan of action items for Langley Air Force Base are grouped below according to program category.

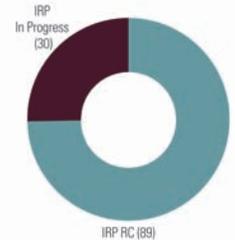
IRP

- Finalize the five-year review report in FY10.
- Begin cleanup at the Southwest Branch portion of SS 63 in FY10.
- Finalize the ROD for LFs 07, 10, 11, and 12 in FY10.
- Finalize cleanup report for LF 17, OT 25, and the Lighter-Than-Air Cove portion of SS 63 in FY10.
- Complete FS, PP, and ROD for OT 64 in FY11.
- Assume environmental restoration responsibilities from Fort Eustis in FY11.

MMRP

- Submit draft SI report and conduct additional site fieldwork in FY10.
- Begin remedial investigation in FY10.

FFID:	PA321382050300	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Franklin County, Pennsylvania (18,683 acres)	Funding to Date:	\$ 134.7 million
Mission:	Store, maintain, and decommission ammunition; rebuild and store vehicles; rebuild, store, and maintain missiles	Est. CTC (Comp Year):	\$ 10.4 million (FY 2039)
HRS Score:	34.21 (Southeastern Area); placed on NPL in July 1987; 37.51 (Property Disposal Office); placed on NPL in March 1989	IRP Sites (Final RIP/RC):	119 (FY2011)
IAG Status:	IAG signed in February 1989	MMRP Sites (Final RIP/RC):	None
Contaminants:	VOCs, POLs, PCBs, heavy metals, explosives, asbestos, SVOCs, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-143



Progress To Date

The mission of Letterkenny Army Depot (AD) is to store, maintain, and decommission ammunition and to rebuild and store vehicles. Contaminated sites include disposal lagoons and trenches, oil burn pits, an open burning and open detonation area, an explosives washout plant, two scrap yards, landfills (LFs), industrial wastewater treatment plant lagoons, and industrial wastewater sewer lines. The potential risk to human health and the environment was significant enough for EPA to place two areas of the installation on the NPL: the Southeastern Area in July 1987 and the Property Disposal Office in March 1989. DoD and EPA signed an interagency agreement (IAG) in February 1989 to outline how they were going to proceed with cleanup. The 1995 BRAC commission recommended the installation for closure. In FY96, Letterkenny AD established a BRAC cleanup team to develop a process for cleanup of sites. Also in FY96, the community formed a local redevelopment authority, and the installation established a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Letterkenny AD completed five-year review reports for the Southeastern Area NPL site in FY02 and FY08.

To date, Letterkenny AD has signed five BRAC Records of Decision (RODs), which selected cleanup actions for 16 sites. The installation also has transferred approximately 761 acres. Cleanup progress at Letterkenny AD for FY05 through FY08 is summarized below.

In FY05, Letterkenny AD signed a ROD for Southeastern Operable Unit (OU) 4.

In FY06, Letterkenny AD installed additional deep groundwater monitoring wells and began sampling at Southeastern OUs 3A, 6, and 11. The installation signed a ROD for the Phase IV parcels and found them suitable for transfer. The installation also signed RODs for the Southeastern OU 10 groundwater and Southeastern OU 2 industrial wastewater sewers and associated contaminated soils. Additionally, Letterkenny AD began work in the Ammunition Area on the TNT Washout Plant and Southeastern OU 12 LF 5 (Area G).

In FY07, Letterkenny AD completed all environmental documentation for Phase IV parcels property transfer.

In FY08, Letterkenny AD entered into a performance-based contract (PBC), which identified 5 OUs with 44 sites. The installation continued work at Southeastern OUs 3A, 6, and 11, and the Property Disposal Office OU 4. Letterkenny AD completed its second five-year review report on the Southeastern Area NPL site. Letterkenny AD also completed the first of two scheduled rounds of off-post residential home vapor intrusion sampling at Southeastern Area OU 6. Letterkenny AD continued ammunition work under the PBC at Southeastern OU 12 LF 5 (Area G), the TNT Washout Plant, and Burning Ground 2. Additionally, the installation found the Air Hill Parcel suitable for transfer and continued to address LF issues at Southeastern OU 9 LF 2 (Area J).

FY09 IRP Progress

Administrative issues delayed the completion of Phase IV parcels property transfer. Administrative and regulatory issues delayed the proposed plan (PP), ROD, and finding Phase V parcels suitable for transfer. Regulatory issues delayed the completion of the design for cleanup and the focused feasibility study (FS) to evaluate cleanup alternatives for the contaminated groundwater at Southeastern OUs 3A, 6, and 11. Regulatory issues also delayed the completion of the ROD for the TNT Washout Plant and Southeastern OU 12 LF 5 (Area G) and addressing LF legal issues at Southeastern OU 9 LF 2 (Area J).

FY09 MMRP Progress

Letterkenny AD has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Letterkenny Army Depot are grouped below according to program category.

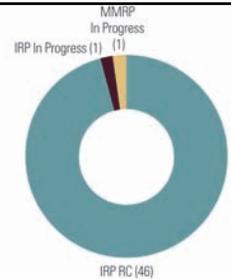
IRP

- Complete Phase IV parcels property transfer in FY10.
- Complete PP and ROD for Phase V parcels, and find the parcels suitable for transfer in FY10.
- Complete the focused FS and the design for cleanup of contaminated groundwater at Southeastern OUs 3A, 6, and 11 in FY10.
- Sign the ROD for the TNT Washout Plant and Southeastern OU 12 LF 5 (Area G) in FY10.
- Continue to address landfill legal issues at Southeastern OU 9 LF 2 (Area J) in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX621382183100	Est. CTC (Comp Year):	\$ 8.7 million (FY 2037)
Location (Size):	Texarkana, Texas (15,546 acres)	IRP Sites (Final RIP/RC):	47 (FY2006)
Mission:	Load, assemble, and pack ammunition	MMRP Sites (Final RIP/RC):	1 (FY2013)
HRS Score:	31.85; placed on NPL in July 1987	Five-Year Review Status:	Completed and planned
IAG Status:	IAG signed in September 1990	IRP/MMRP Status Table:	Refer to page C-7-51
Contaminants:	VOCs, petroleum, heavy metals, explosives		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 28.6 million		



Progress To Date

Lone Star Army Ammunition Plant (AAP) loads, assembles, and packs munitions. From 1943 to 1944 the Old Demolition Area was the location for the destruction of faulty or nonstandard explosives. RCRA sites investigated include surface impoundments, landfills, fuel storage areas, and load lines. Investigations revealed soil contamination with solvents, metals, explosives, and contaminated groundwater. Environmental studies revealed explosives and metal contamination in the Old Demolition Area. The potential risk to human health and the environment was significant enough for EPA to place the Old Demolition Area on the NPL in 1987. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In May 2005, the BRAC Commission recommended closure of Lone Star AAP. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY06.

To date, Lone Star AAP has signed one Record of Decision, which selected cleanup actions for the Old Demolition Area. In FY08, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response (MMRP); one MMRP site was identified. Cleanup progress at Lone Star AAP for FY05 through FY08 is summarized below.

In FY05, Lone Star AAP completed a remedial investigation (RI) at Site 101 and determined that no further cleanup action was required. The installation began long-term management (LTM) at Site 16 and performed LTM at Sites 17, 24, 33, and 34. The installation also completed cleanup at Sites 9, 16, and 20, and operated the cleanup system at Site 2.

In FY06, Lone Star AAP completed a five-year review report of the Old Demolition Area, which EPA approved. The installation solicited community interest for a Restoration Advisory Board to discuss the installation's cleanup progress with the community; however, there was insufficient interest.

In FY07, Lone Star AAP submitted a report that summarized the environmental condition of all transferable property as well as a CERFA report, which documented all uncontaminated property undergoing closure or realignment to the Texas Commission on Environmental Quality. The installation

completed soil removal at Site 6. Lone Star AAP constructed a restrictive fence; submitted the cleanup report; and plugged and abandoned the five monitor wells at Site 24. The installation plugged and abandoned a total of 17 monitor wells were at Sites 6, 17, and 101. The installation completed a survey describing the geography of Site 16. The installation also continued to operate the cleanup system at Site 2; groundwater and surface water monitoring at Sites 2, 17, 33, and 34; and LTM at Sites 9, 16, 17, 24, 33, and 34.

In FY08, Lone Star AAP continued LTM at Sites 9, 17, 24, 33, and 34, and completed LTM at Site 16. The installation continued to operate the cleanup system at Site 2. Lone Star AAP continued groundwater and surface water monitoring at Sites 17 and 33, and groundwater monitoring at Sites 2 and 34. The installation updated and submitted the final Old Demolition Area closeout report to EPA for approval. Under the MMRP, Lone Star AAP identified one site, Lone Star AAP 001 R 01 (Abandoned Pistol Range).

FY09 IRP Progress

Lone Star AAP began RIs at two new sites (LSAAP BA 02 and LSAAP BA 09). The installation requested regulatory approval to delist the Old Demolition Area. The installation continued cleanup using natural processes at Site 2 and began a groundwater classification study. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

Regulatory issues delayed approval to delist the Old Demolition Area.

FY09 MMRP Progress

Lone Star AAP began an RI at the Abandoned Pistol Range.

Plan of Action

Plan of action items for Lone Star Army Ammunition Plant are grouped below according to program category.

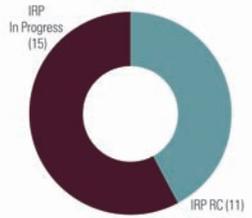
IRP

- Receive approval to delist the Old Demolition Area in FY10.
- Begin the report on affected property assessments for all new sites in FY10.
- Complete groundwater study in FY10.
- Begin cleanup actions at two new sites (LSAAP BA 07 and BC 44) in FY10.
- Begin RI at 13 new sites in FY10.

MMRP

- Complete RI for Abandoned Pistol Range in FY10-FY11.

FFID:	CA917002727200, CA917002755400, CA917002319000, and CA917002726700	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Long Beach, California (1,563 acres)	Funding to Date:	\$ 66.6 million
Mission:	Supported logistics; worked with construction, dry docking, and outfitting of ships; performed manufacturing and test work	Est. CTC (Comp Year):	\$ 7.0 million (FY 2017)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	26 (FY2014)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	Solvents, acids, blasting grit, paints, heavy metals, industrial liquid wastes, VOCs, SVOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-7



Progress To Date

The Long Beach Naval Complex (NC) consists of the Long Beach Naval Shipyard (NSY), Naval Station (NS) Long Beach, and the Long Beach Naval Hospital (NAVHOSP). The Long Beach NC provided logistics support, construction, alteration, dry docking, and outfitting of ships and craft. NSY and NS operations that contributed to contamination include ship and vehicle repair and maintenance, utility maintenance and operation, support shops, storage of petroleum products and hazardous materials, laundry and dry cleaning, steam plant operations, and air compressor operations. Portions of housing areas associated with the NSY disposed of ship wastes, drilling mud, and construction debris. The BRAC Commission recommended closure of the NAVHOSP, the NS, and associated housing areas in FY91; closure occurred in FY94. The BRAC Commission recommended closure of the NSY and associated housing areas in FY93 and occurred in FY97. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and completed a BRAC cleanup plan to prioritize sites requiring environmental restoration. The joint NS and NSY technical review committee converted to a Restoration Advisory Board (RAB), which is responsible for communicating cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY05 and FY09.

To date, the installation has completed Records of Decision (RODs), which selected cleanup actions for Sites 1 through 6A, 7, and 8 through 13. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Long Beach NC for FY05 through FY08 is summarized below.

In FY05, Long Beach NC conducted long-term management (LTM) at Sites 1, 2, and 11 through 14, and Palos Verdes Housing Operable Unit (OU) 1. The installation also finalized the five-year review reports for Sites 1 through 6A, 14, and Palos Verdes OU 1. Additionally, the installation completed the Site 9 ROD and cleanup plan for Site 9; completed the expanded site inspection at Site 16, obtaining clean closure; and conducted pre-closure groundwater sampling at Buildings 101 and 118.

In FY06, Long Beach NC completed site closure for Buildings 101 and 118. The installation also finalized RODs for Sites 11, 12, and 13; finalized the feasibility study (FS) addendum to evaluate cleanup alternatives for Site 7; and conducted groundwater monitoring at Site 14. Long Beach NC also combined the design for cleanup and cleanup work plans for Sites 8 through 13 into one work plan. Additionally, the installation issued a screening-level assessment of potential risks to the environment, and performed LTM at Palos Verdes OU 1. The installation met with regulators and determined that no further action was required for cleanup operations at Site 6B. The BRAC cleanup team met quarterly and the RAB met twice per year.

In FY07, Long Beach NC completed the technical memorandum detailing the closure strategy for radiological issues, and finalized the cleanup completion report for soil and groundwater at Sites 1 and 2. The installation signed the Site 7 ROD for sediments in the Long Beach Harbor. The installation finalized the groundwater design for cleanup and cleanup work plans for Sites 8 through 13, and continued LTM at these sites and Site 14. Regarding Site 10, the installation received regulatory concurrence for no further action. The installation also completed groundwater monitoring, continued LTM, and finalized the assessment of potential risks to of human exposure at Palos Verdes OU 1. Additionally, the installation worked with regulatory agencies to revise the site management and institutional control (IC) plan to minimize the potential of human exposure. Long Beach NC completed the closure status evaluation for 78 areas of concern (AOCs), and the installation completed a groundwater optimization study for Site 14. The BRAC cleanup team met every other month, and the RAB met once.

In FY08, Long Beach NC received regulatory concurrence to stop groundwater monitoring at Sites 1, 2, and 8. The installation also decommissioned monitoring wells at Sites 3, 4, 5, 6A, and Palos Verdes OU 1. Long Beach NC issued a closure report to update the status of 15 AOCs in a 90-acre parcel scheduled for transfer. The installation and the Department of Toxic Substance Control signed a ROD requiring no further action at Palos Verdes OU 1; the installation continued LTM at the site. The installation reassessed site risk

and determined the IC plan and ROD were no longer required for OU 1.

FY09 IRP Progress

Long Beach NC completed radiological survey fieldwork and a draft final report for Sites 1 and 2. The installation achieved regulatory concurrence for no further action at Sites 8 and 10. Long Beach NC continued LTM to achieve no further action for groundwater at Sites 9, 11, 12, and 13. The installation also completed a five-year review report. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed no further action concurrence on groundwater at Site 9.

FY09 MMRP Progress

Long Beach NC has identified no MMRP sites at this installation.

Plan of Action

Plan of action items for Long Beach Naval Complex are grouped below according to program category.

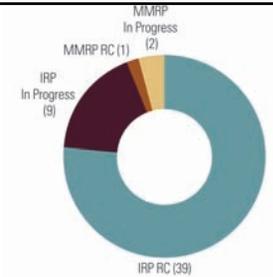
IRP

- Adjourn BRAC portion of the RAB in FY10.
- Obtain no further action concurrence at Site 9 groundwater in FY10.
- Obtain no further action determination for unrestricted use at 15 AOCs in FY10.
- Conduct optimization study of groundwater at Sites 12, and 13 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX621382052900	Funding to Date:	\$ 103.6 million
Location (Size):	Karnack, Texas (8,416 acres)	Est. CTC (Comp Year):	\$ 14.2 million (FY 2040)
Mission:	Loaded, assembled, and packed pyrotechnic and illuminating signal munitions	IRP Sites (Final RIP/RC):	48 (FY2011)
HRS Score:	39.83; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	3 (FY2010)
IAG Status:	IAG signed in October 1991	Five-Year Review Status:	Completed
Contaminants:	Heavy metals, VOCs, perchlorate, explosives, SVOCs, propellants	IRP/MMRP Status Table:	Refer to page C-6-158
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Longhorn Army Ammunition Plant (AAP) manufactured pyrotechnic and illuminating signal munitions and solid-propellant rocket motors. Identified cleanup sites include storage areas, landfills, open burning grounds, industrial areas, burial pits, sumps, and wastewater treatment plants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in October 1991 to outline how they were going to proceed with cleanup. Longhorn AAP became inactive in July 1997. The installation updated the community relations plan in FY03. In FY04, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Longhorn AAP completed five-year review reports for Sites Longhorn AAP 12, 16, 18, and 24 in FY02 and FY08; and a five-year review report for Site Longhorn AAP 17 in FY08.

Longhorn AAP has signed two interim Records of Decision (RODs), selecting cleanup actions at four sites, and six RODs requiring no further cleanup actions for ten sites. To date, the installation has transferred approximately 7,400 acres. In FY02, Longhorn AAP conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Longhorn AAP for FY05 through FY08 is summarized below.

In FY05, Longhorn AAP awarded a performance-based contract (PBC) to address most of the remaining environmental restoration work. The installation completed two feasibility studies (FSs) to evaluate cleanup alternatives for Sites Longhorn AAP 12 and 67. The installation also completed an assessment of potential risks to the environment and submitted the report to regulators. Through additional sampling and evaluation, the installation found Site Longhorn AAP 32 to require no further cleanup actions. Longhorn AAP completed MMRP site inspections for three sites and began an engineering evaluation and cost analysis (EE/CA) for each site. The RAB ratified its charter, elected a co-chair, and held quarterly meetings.

In FY06, Longhorn AAP completed the FS for Site Longhorn AAP 37. Longhorn AAP also signed the ROD for Site Longhorn AAP 12 and included land use controls, which restrict access to the site, in the design for cleanup. The installation transferred 288 acres to the U.S. Fish and Wildlife Service (FWS). Under the MMRP, the installation completed the fieldwork for the three EE/CAs.

In FY07, Longhorn AAP transferred 639 acres to FWS. In addition, the installation finalized a report summarizing the environmental condition of Site Longhorn AAP 12. The installation also offered the 51-acre tract, including Site Longhorn AAP 12, to FWS for transfer. Regulators approved proposed plans (PPs) for Sites Longhorn AAP 8, 32, 37, 48, 53, and 67. The installation received regulatory approval for the optimization plan for the groundwater treatment plant (Sites Longhorn AAP 18 and 24). Under the MMRP, the installation completed the EE/CA for three sites and received EPA approval.

In FY08, Longhorn AAP submitted a ROD for five sites (Longhorn AAP 8, 37, 48, 53, and 67) under the Total Environmental Restoration Contract, and eight sites (Longhorn AAP 6, 7, 51, 55, 60, 64, 66, and 68) under the PBC to regulators. The installation finalized the PP for Sites Longhorn AAP 37 and 67. Longhorn AAP completed the second five-year review report of the interim remedies at Sites Longhorn AAP 16, 17, 18, and 24, and the final remedy at Site Longhorn AAP 12. Under the MMRP, Longhorn AAP signed the action memorandum and completed removal actions at two sites. The installation began fieldwork of surface clearance of munitions for approximately 160 acres and clearance beneath the surface for 11 acres.

FY09 IRP Progress

Longhorn AAP completed decision documents and RODs for 13 sites. The installation completed the design for cleanup for two sites and the remedial investigation (RI) and FS for six sites. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the completion of RODs for eight sites.

FY09 MMRP Progress

Longhorn AAP completed removal actions at two sites and submitted the data summary report to EPA. The installation found no further cleanup actions were necessary at a third site. The installation completed a ROD for one site.

Plan of Action

Plan of action items for Longhorn Army Ammunition Plant are grouped below according to program category.

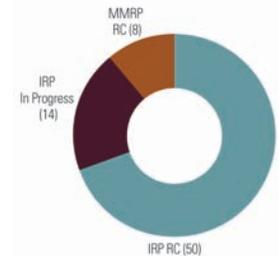
IRP

- Complete RI/FS for eight sites in FY10.
- Complete RODs for 11 sites in FY10.
- Complete designs for cleanup and cleanup at four sites in FY10.
- Install and operate cleanup systems at two sites in FY10.

MMRP

- Complete PPs and RODs for two sites in FY10.
- Finalize data summary report for two sites in FY10-FY11.

FFID:	ME157002452200	Funding to Date:	\$ 141.2 million
Location (Size):	Limestone, Maine (9,472 acres)	Est. CTC (Comp Year):	\$ 15.3 million (FY 2301)
Mission:	Supported B-52 bombers and KC-135 tankers	IRP Sites (Final RIP/RC):	64 (FY2001)
HRS Score:	34.49; placed on NPL in February 1990	MMRP Sites (Final RIP/RC):	8 (FY1999)
IAG Status:	FFA signed in April 1991; revision signed in 1994	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, POLs, spent solvents, PCBs, pesticides, heavy metals, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-94
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Loring Air Force Base (AFB) was established in 1952 to support bomber and tanker aircraft operations. Sites identified include spill areas, landfills, fire training areas, underground storage tanks, aboveground storage tanks, and low-level radioactive waste areas. The flightline and nose dock areas, where industrial shops and maintenance hangars were located, are the primary areas where wastes were released into soil and groundwater. The potential risk to human health and the environment was significant enough that EPA placed the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in April 1991, which was last revised in 1994, to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation; Loring AFB closed in September 1994. In FY94, the installation formed a BRAC cleanup team to develop a process for cleaning up sites at Loring AFB. In FY98, the BRAC cleanup team updated and published the BRAC cleanup plan to prioritize sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

Sites at Loring AFB are grouped into 13 operable units (OUs). To date, 12 Records of Decision, selecting cleanup actions at 9 OUs, have been signed. The Air Force has transferred all property to the Loring Development Authority. In FY04, Loring AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Loring AFB for FY05 through FY08 is summarized below.

In FY05, Loring AFB transferred all remaining property to the Loring Development Authority. The installation performed operations and maintenance (O&M) for all remaining cleanup systems. Loring AFB completed its second five-year review report, and began evaluating requirements at MMRP sites. The RAB and BRAC cleanup team performed community activities.

In FY06, Loring AFB completed cleanup at the Base Laundry. The installation continued to operate, monitor, and optimize

cleanup across the base. Loring AFB began cleaning up the Fuels Tank Farm by excavating approximately 15,000 cubic yards of soil and landfarming it, or spreading the soil in a thin layer and stimulating microbial activity. The installation completed explosives safety certification at all identified sites and continued to evaluate appropriate administrative requirements.

In FY07, Loring AFB continued restoring the Fuels Tank Farm by excavating and landfarming approximately 12,000 cubic yards of soil. The installation completed cleanup of previously identified contamination at the Fuels Tank Farm, although new contamination was found. Loring AFB continued to operate and monitor both cleanup systems and comply with institutional controls that reduce the potential for human exposure.

In FY08, Loring AFB excavated and landfarmed 30,000 cubic yards of fuel-contaminated soil at the nose dock area. The installation improved the former jet engine test cell remedy by fracturing site soils and adding more biovent air injection wells, which increase oxygen flow to stimulate microbial activity. Loring AFB assessed new contamination at the Fuels Tank Farm through a test pit program, and the BRAC cleanup team began developing a cleanup strategy. The installation closed actions for all MMRP sites.

FY09 IRP Progress

Loring AFB reviewed contamination at the Fuels Tank Farm and drafted a work plan for its investigation. The installation developed a strategy to evaluate the Entomology Shop/Jet Engine Buildup site and constructed a work plan. Loring AFB continued ongoing O&M and groundwater monitoring.

FY09 MMRP Progress

Loring AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Loring Air Force Base are grouped below according to program category.

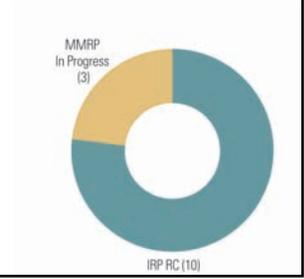
IRP

- Complete the installation's third five-year review report in FY10.
- Continue ongoing O&M and monitoring in FY10.
- Complete work plan and begin cleanup of the Fuels Tank Farm contamination in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	LA621382053300	Funding to Date:	\$ 60.4 million
Location (Size):	Doyline, Louisiana (14,974 acres)	Est. CTC (Comp Year):	\$ 0.2 million (FY 2010)
Mission:	Manufacture ammunition metal parts and maintain ammunition production facilities	IRP Sites (Final RIP/RC):	10 (FY2006)
HRS Score:	30.26; placed on NPL in March 1989	MMRP Sites (Final RIP/RC):	3 (FY2010)
IAG Status:	IAG signed in 1989	Five-Year Review Status:	Completed and planned
Contaminants:	TNT, RDX, HMX, oils, grease, degreasers, phosphates, solvents, metal plating sludges, acids, fly ash	IRP/MMRP Status Table:	Refer to page C-7-27
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The mission of Louisiana Army Ammunition Plant (AAP) is to manufacture ammunition parts and maintain ammunition production facilities for the Army. Contaminated sites at the installation include lagoons, burning grounds, and landfills contaminated with explosives and plating wastes. Studies identified groundwater contaminated with the explosive compounds TNT, RDX, and HMX. The potential risk to human health and the environmental was significant enough for EPA to place the installation on the NPL in March 1989. Also in 1989, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. In FY05, the Army transferred Louisiana AAP to the Louisiana Army National Guard. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the the Area P lagoons in FY94 and FY00, and another five-year review report in FY06.

Louisiana AAP has completed two Records of Decision (ROD), selecting cleanup actions for eight sites, and one ROD which required no further cleanup actions at one site. Between FY89 and FY90, Louisiana AAP incinerated almost 102,000 tons of explosives-contaminated soil and treated more than 53 million gallons of contaminated water. In FY03, Louisiana AAP conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Louisiana AAP for FY05 through FY08 is summarized below.

In FY05, the installation completed the remedial investigation (RI) for Sites 09 and 10. In accordance with a Congressional directive, the Army transferred the installation to the Louisiana Army National Guard.

In FY06, Louisiana AAP completed a five-year review report. The installation also completed the ROD for soils at Site 09, and a draft feasibility study (FS) to evaluate cleanup alternatives for groundwater at Site 09. Louisiana AAP held public meetings to discuss the proposed plans (PPs) for soil and groundwater treatment. Under the MMRP, Louisiana AAP briefed stakeholder on the results of the site inspection.

In FY07, Louisiana AAP completed the FS for soil and groundwater at Site 09; these sites require no further

construction of cleanup systems, or have all cleanup actions complete.

In FY08, Louisiana AAP completed a performance-based contract.

FY09 IRP Progress

Louisiana AAP continued groundwater monitoring and completed long-term management and long-term optimization. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Louisiana AAP is investigating three sites: Central Proving Ground, Burning Ground 5, and the Small Arms Pistol Range. The installation decided not to complete the FS and will evaluate cleanup alternatives under PPs.

Regulatory issues delayed completing the RI.

Plan of Action

Plan of action items for Louisiana Army Ammunition Plant are grouped below according to program category.

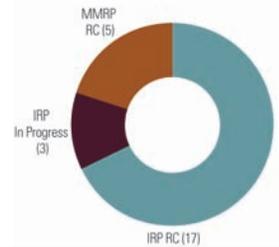
IRP

- Complete all cleanup activities in FY10.
- Prepare the five-year review report for all sites in FY10-FY11.

MMRP

- Complete the RI, PP, and ROD in FY10.
- Transfer control of environmental activities to the Louisiana Army National Guard in FY10-FY11.

FFID:	CO857002413000	Funding to Date:	\$ 102.2 million
Location (Size):	Denver, Colorado (1,866 acres)	Est. CTC (Comp Year):	\$ 0.0 million (FY 2017)
Mission:	Served as Air Force technical training center	IRP Sites (Final RIP/RC):	20 (FY2012)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	5 (FY2007)
IAG Status:	IAG under negotiation	Five-Year Review Status:	Completed and planned
Contaminants:	General refuse, fly ash, coal, metals, fuels, VOCs, solvents, TCE, petroleum hydrocarbons, SVOCs, waste oil	IRP/MMRP Status Table:	Refer to page C-7-15
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Lowry Air Force Base (AFB) supported the 3400 Technical Training Wing. Environmental sites at the former base include fire training areas, landfills (LFs), a fly ash disposal area, coal storage yards, and underground storage tanks. An Interagency Agreement (IAG) between DoD and EPA to outline how they are going to proceed with cleanup is currently under negotiation. In 1991, the BRAC Commission recommended closure of all but 108 of the 1,866 acres at Lowry AFB. The base closed in September 1994. The 76-acre Defense Finance and Accounting Service and the Air Force Reserve Personnel Center, also known as Buckley Annex, remained at Lowry until the 2005 BRAC Commission recommended it for closure. The installation's Restoration Advisory Board (RAB), formed to discuss cleanup progress with the community, began receiving funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY09.

In FY04, Lowry AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Lowry AFB for FY05 through FY08 is summarized below.

In FY05, the installation finalized its assessment of RCRA facilities and removed all polychlorinated biphenyls (PCBs) from Building 402. Lowry AFB conducted quarterly monitoring for radioactive parameters at the LF. The installation investigated and then removed a previously abandoned septic tank near Dayton Street. The installation also removed asbestos-containing materials discovered in soil. Lowry AFB began negotiating an agreement to privatize the remaining environmental cleanup and property transfers.

In FY06, the installation signed a comprehensive agreement to privatize the remaining cleanup of sites suspected to contain contamination for the Installation Restoration Program (IRP) and MMRP sites. Regulators concurred with Lowry AFB that no further cleanup action would be necessary to establish a foreign trade zone, where special customs procedures will apply, pending completion of soil removal, confirmation sampling, and site restoration. Regulators also approved the installation's final reports for the LF cap construction. Lowry AFB abandoned two

deep wells. The installation completed the follow-up investigations at suspected Waste Area PAA 2 and determined that no further action was required. The installation conducted long-term management (LTM) at the LF and Building 606, the investigation at Building 1432, the cleanup of asbestos in soil at various areas, and payments for the privatization cooperative agreements. Lowry AFB completed the first phase and began the second phase of in-place chemical oxidation treatment of chlorinated solvents in groundwater and shut down two active cleanup systems at Operable Unit (OU) 5. The installation completed a risk assessment simulation study to evaluate the risk to human health associated with asbestos in soil at Filing 28. Lowry AFB submitted the final report on quarterly monitoring for radioactive parameters at the LF zone to regulators. Under the MMRP, the installation performed clearance and soil excavation at the outdoor firing range; the site requires no further cleanup actions. The RAB met monthly.

In FY07, Lowry AFB continued monitoring and treating chlorinated solvents in groundwater, the investigation at Building 1432, and LTM at the LF and Building 606. The installation completed cleanup and documented no further cleanup action was necessary for Buildings 777 and 898. Lowry AFB continued the cleanup privatization payments to the local redevelopment authority, and sampled and abated asbestos in soils at the Filing 28 Area and Parcel T. The installation evaluated requirements at MMRP sites. Lowry AFB closed the outdoor firing range.

In FY08, Lowry AFB completed its five-year review report and submitted the report for signature. The installation made the final specified privatization payment to the local redevelopment authority and continued to coordinate with regulators as needed. Lowry AFB assessed asbestos soil contamination and performed cleanup to facilitate redevelopment. The installation continued periodic LF maintenance and monitoring, and no further cleanup action was required at Buildings 606 or 898. Lowry AFB continued to oversee MMRP site management; no sites required closure. The installation continued groundwater cleanup at OU 5. The installation assessed the cleanup program status with the RAB.

FY09 IRP Progress

The Air Force Real Property Agency Director signed and issued the final five-year review report. Lowry AFB obtained state concurrence of the RCRA Facilities Assessment Addendum report, a report which evaluated historical data used to assess potential environmental concerns. The installation continued OU 5 groundwater cleanup, and LF maintenance and monitoring. Lowry AFB continued assessing asbestos in soil contamination and conducted cleanup as required. Regulators and the RAB continued involvement with cleanup at the installation. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed closing existing RCRA compliance order.

FY09 MMRP Progress

Lowry AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Lowry Air Force Base are grouped below according to program category.

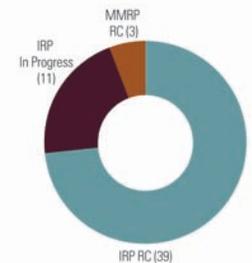
IRP

- Obtain regulatory closure of existing RCRA compliance order in FY10.
- Continue OU 5 groundwater cleanup in FY10-FY11.
- Continue LF maintenance and monitoring in FY10-FY11.
- Continue assessing asbestos contamination in soil and cleanup as required in FY10-FY11.
- Continue regulatory and RAB involvement in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA957212452700	Est. CTC (Comp Year):	\$ 31.6 million (FY 2021)
Location (Size):	Riverside, California (6,606 acres)	IRP Sites (Final RIP/RC):	50 (FY2010)
Mission:	Maintain, repair, and refuel aircraft	MMRP Sites (Final RIP/RC):	3 (FY1999)
HRS Score:	31.94; placed on NPL in November 1989	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in September 1990	IRP/MMRP Status Table:	Refer to page C-6-30
Contaminants:	VOCs, POLs, PCBs, SVOCs, metals, explosives, propellants		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 157.2 million		



Progress To Date

March Air Force Base (AFB) was established as an Army Air Service airfield in 1918 and became an Air Force installation in 1948. Investigations have identified fire training areas (FTAs), inactive landfills (LFs), underground storage tanks, an engine test cell, sludge drying beds at a sewage treatment plant, and various spill sites. The potential risk to human health and the environment was significant enough for EPA to place March AFB on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. The Air Force Reserve Command (AFRC) and the Air Force Real Property Agency (AFRPA) signed a memorandum of agreement in FY99 for sharing environmental responsibility. In July 1993, the BRAC Commission recommended realignment of the installation. Following realignment in April 1996, the Air Force retained approximately 2,074 acres as March Air Reserve Base, and the Army and the Navy retained several smaller parcels totaling 95 acres. The installation has transferred the remaining 4,439 acres to the local redevelopment authority, and federal and local government agencies. In 2005, the BRAC Commission recommended the installation for further realignment. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY09.

March AFB has grouped Installation Restoration Program (IRP) sites into three Operable Units (OUs): OUs 1, 2, and 4. The installation has signed Records of Decision (RODs), which selected cleanup actions for 25 AFRC IRP sites and 21 BRAC IRP sites. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP). Cleanup progress at March AFB for FY05 through FY08 is summarized below.

In FY05, March AFB finalized the OU 4 ROD and the ROD for OU 2 Sites 1, 11, 37, and 39. AFRC began to resolve data gaps at Sites 8 and 36. AFRPA completed additional fieldwork and submitted the Weapon Storage Area preliminary assessment (PA) and site inspection (SI) draft report. The installation

performed cleanup operations at two LFs and Building 550, and monitored groundwater. AFRPA confirmed no further construction of cleanup systems is required at the final BRAC IRP site and began evaluating requirements at MMRP sites. The RAB met four times.

In FY06, March AFB continued cleanup operations at two LFs and Building 550. March AFB also continued the groundwater monitoring program. AFRPA began a PA/SI at Area of Concern (AOC) 048, a potential source of groundwater contamination on the eastern boundary of the installation. AFRPA also began to reevaluate the Site 4 LF remedy after the level of nearby groundwater rose. AFRC completed fieldwork for Sites 8 and 36, and stopped treatment at Site 2. AFRPA completed MMRP requirement evaluations, and either administratively closed or determined, with regulatory concurrence, that no further action would be required at any MMRP sites. The RAB met twice.

In FY07, March AFB continued the cleanup operations at two LFs and Building 550. AFRPA completed the PA/SI at AOC 048 (FTA 007) and the evaluation of cleanup at Site 4. March AFB installed two extraction wells and two monitoring wells at Storage Tank (ST) 048 (Building 550). AFRPA transferred the remaining BRAC property at March AFB. The AFRC completed closure documentation for Site 2, issued draft remedial investigation (RI) and feasibility study (FS) reports for Sites 8 and 36 to collect data and evaluate cleanup alternatives. The installation shut down the Site 27 soil vapor extraction (SVE) system, and confirmed significant amounts of fuel had been removed. March AFB completed a cleanup improvements study of the expanded groundwater extraction and treatment system, and continued groundwater monitoring.

In FY08, regulators concurred that no further cleanup action was required for Sites 12 and 27. The installation completed active cleanup at Site 33. March AFB continued cleanup operations at the LFs and Building 550, and continued groundwater monitoring. The installation prepared closure documentation and obtained closure for the three MMRP sites on BRAC property.

FY09 IRP Progress

March AFB completed the second five-year review report. The installation revised the cleanup plan for ST 048 (Building 550)

to apply only to groundwater monitoring. March AFB drafted an explanation of significant differences with the OU 1 ROD at FTA 007, and submitted it to regulators. Cleanup operations continued at Site 4. Regulators determined the Site 4 decision document and draft design were not required. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the completion of Building 550 cleanup operations.

FY09 MMRP Progress

March AFB conducted no MMRP actions.

Plan of Action

Plan of action items for March Air Force Base are grouped below according to program category.

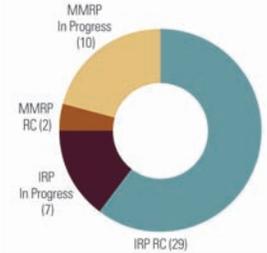
IRP

- Complete RI/FS and pilot study at Sites 8 and 36 in FY10.
- Install SVE system for trichloroethylene (TCE) at FTA 007 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917002477500	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Vallejo, California (5,293 acres)	Funding to Date:	\$ 232.8 million
Mission:	Maintained and repaired ships and provided logistical support for assigned ship and service craft	Est. CTC (Comp Year):	\$ 53.3 million (FY 2014)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	36 (FY2013)
IAG Status:	FFSRA signed in September 1992; renegotiated in July 2002	MMRP Sites (Final RIP/RC):	12 (FY2014)
Contaminants:	Heavy metals, VOCs, PCBs, pesticides, petroleum hydrocarbons, lead oxides, UXO, SVOCs, explosives, propellants	Five-Year Review Status:	Planned
		IRP/MMRP Status Table:	Refer to page C-6-24



Progress To Date

Mare Island Naval Shipyard (NSY) maintained and repaired ships and provided logistical support for assigned ship and service craft. Investigations of chemical and munitions contamination began in FY80. Ordnance sites include dredge ponds, storage areas, and the production area. The installation identified munitions of concern at four off-shore areas. DoD and EPA signed a Federal Facility Agreement (FFA) in September 1992, which was last amended in July 2002, to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of Mare Island NSY and relocation of the Combat Systems Technical School's Command Activity to Dam Neck, Virginia. The installation closed in FY96. The installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB) in FY94. An administrative record and information repository were established in FY90. The installation completed its community relations plan in FY92, which was updated in FY94 and again in FY01. The RAB received funding for technical assistance for public participation in FY99, FY02, and FY03.

To date, the installation has transferred approximately 4,000 acres. The Navy has issued a No Further Action (NFA) Record of Decision (ROD), which determined no further cleanup activities were necessary for Installation Restoration Program (IRP) site 22, and a ROD for the H1 landfill area. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Mare Island NSY for FY05 through FY08 is summarized below.

In FY05, Mare Island NSY completed the planning documents and action memo for the removal action at the Defense Reutilization Marketing Office (DRMO) site, and began cleanup work. The installation responded to and disposed of discovered munitions and explosives of concern (MEC).

In FY06, Mare Island NSY completed the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives, and finalized the ROD for the H1/landfill area. The installation found the elementary school site and Parcel XV B2 suitable for transfer. The installation also completed the Marine Corps firing

range removal action and began MEC validation surveys and investigations for off-shore and on-shore sites from the Production and Manufacturing Area to the Western Magazine Area. The RAB met monthly. The BRAC cleanup team evaluated cleanup and developed the site management plan.

In FY07, Mare Island NSY continued implementation of the final remedy of the H1/landfill area. The installation completed the removal action and submitted a technical memorandum for the DRMO site. Additionally, Mare Island NSY completed MEC validation surveys and investigations for off-shore and on-shore MEC sites at the Production and Manufacturing, Western Magazine, and South Shore Areas. The installation began time-critical removal actions at Area F2 (IRP Site 4), Horse Stables Area, and the Paint Waste Area. The BRAC cleanup team continued to meet, evaluate cleanup, and develop the site management plan.

In FY08, Mare Island NSY abandoned options for an early transfer agreement for the remaining economic development conveyance parcels due to cost considerations. The installation also completed the report for the removal action at the Marine Corps firing range and the revised RI for Investigation Area (IA) A2. Mare Island NSY conducted sampling for the baseline assessment of potential risks to the environment at IA K. The installation also continued investigation of the DRMO petroleum and sampled groundwater at IA F1. In addition, Mare Island NSY closed the interior of the J-lines (pipelines connected to the former wastewater treatment plant) and received regulatory concurrence for no further action. The installation began time-critical removal actions at Site 4, Horse Stables Area, and Paint Waste Area. The Mare Island NSY BRAC cleanup team continued to develop the strategy for the MEC removal action within the Production and Manufacturing and Western Magazine Areas. The installation held regular BRAC cleanup team and RAB meetings.

FY09 IRP Progress

Mare Island NSY completed the technical memorandum to remove the total petroleum hydrocarbons at the DRMO site and began fieldwork at the site. The installation issued a proposed plan for no further action at IA A2. Additionally, Mare Island NSY completed an engineering evaluation and cost analysis (EE/CA) and action memo for Site 17. The installation

completed an EE/CA for the Production and Manufacturing and Western Magazine Areas, and Building 742. The installation also developed a revised site management plan. At the Paint Waste Area, the installation issued an amendment to the action memo, revised the work plan to perform a removal action, and began fieldwork for contaminated soil, radiological, and MEC items. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed the final remedy and closure for the H1/landfill area.

The BCT continued to meet. The RAB held monthly meetings, site tours, and various community events.

FY09 MMRP Progress

Mare Island NSY submitted the EE/CA and action memo for the Production and Manufacturing and South Shore Areas; however, regulatory issues delayed concurrence. Technical issues delayed the technical memorandum to detect MEC.

Plan of Action

Plan of action items for Mare Island Naval Shipyard are grouped below according to program category.

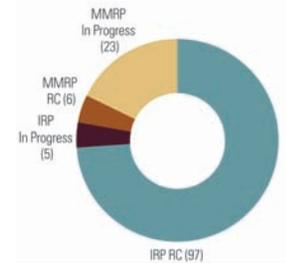
IRP

- Complete final remedy and closure for H1/landfill area in FY10.
- Complete cleanup at the DRMO area in FY10.
- Complete the RI for the CERCLA contaminants in the off-shore IA K area in FY10-FY11.
- Complete ROD determining no further action for IA A2 in FY10-FY11.

MMRP

- Complete the technical memorandum to detect MEC in FY10.
- Formulate and obtain concurrence for the EE/CA in the Production Manufacturing and South Shore Areas in FY10-FY11.

FFID:	VA317302472200	Funding to Date:	\$ 69.2 million
Location (Size):	Quantico, Virginia (60,000 acres)	Est. CTC (Comp Year):	\$ 37.8 million (FY 2021)
Mission:	Provide military training and support research, development, testing, and evaluation of military hardware	IRP Sites (Final RIP/RC):	102 (FY2012)
HRS Score:	50.00; placed on NPL in June 1994	MMRP Sites (Final RIP/RC):	29 (FY2020)
IAG Status:	FFAs signed in December 1991 and February 1999	Five-Year Review Status:	Completed and planned
Contaminants:	PCBs, pesticides, VOCs, SVOCs, phenols, heavy metals, petroleum hydrocarbons, arsenic, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-174
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Marine Corps Base (MCB) Quantico's mission is to support training for general combat by providing a varied background in tactical operations and performing research and development of Marine Corps equipment. MCB Quantico operated a municipal landfill throughout the 1970s. After the landfill closed, the area was used as a scrap yard. Sites at the installation include surface disposal areas, underground storage tanks, and disposal pits that contain contaminated soil, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1994. DoD and EPA signed federal facility agreements (FFAs) in December 1991 and in February 1999 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended MCB Quantico for realignment. The installation formed a technical review committee in FY89, which is responsible for communicating cleanup progress with the community. In FY92, the installation established three information repositories, each containing a copy of the administrative record. The installation completed a community relations plan in FY95, which was updated in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Site 4 in FY02 and FY08.

EPA has identified 303 areas of concern (AOCs) at the installation. MCB Quantico currently recognizes Installation Restoration Program (IRP) sites and RCRA solid waste management units (SWMUs) at the installation. The installation signed No Further Action Records of Decision (RODs), which determined that no further cleanup actions were necessary for Sites 1 and 5 in FY00, and Site 17 in FY01. The installation also signed three RODs for Site 9 and Multi-Site (M13). In FY02, MCB Quantico conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at MCB Quantico for FY05 through FY08 is summarized below.

In FY05, MCB Quantico completed environmental engineering and cost analyses, and interim cleanup at four sites. The installation issued a final site inspection (SI) for the Potomac River sediments.

In FY06, MCB Quantico completed interim cleanup and required no further construction of cleanup systems at six sites. The installation also achieved closeout for six IRP sites. Additionally, the installation began a treatability study (TS) and interim cleanup at one groundwater site. Under the MMRP, the installation awarded and began work on an SI for MMRP sites on the base.

In FY07, MCB Quantico completed interim cleanup at Sites 9 and 95, and closed eight sites. The installation also finalized two RODs for Sites 5 and 20.

In FY08, MCB Quantico signed three RODs for Sites 4, 95, and Multi-Site (8, 9, 10, 21, 32, 34, and 98). MCB Quantico completed a second five-year review report for Site 4.

FY09 IRP Progress

MCB Quantico continued to finalize work plans for Site 99/96 (Quantico Embayment) and awarded the Phase II cleanup contract. The installation split Site 100 into two sites (Sites 100 and 102) as a result of long-term management (LTM) plan requirements. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the completion of RODs for the two new sites.

FY09 MMRP Progress

MCB Quantico completed the MMRP work plan. The installation started fieldwork and began drafting the uniform federal policy quality assurance plans for the SI work plan and SI report.

Plan of Action

Plan of action items for Marine Corps Base Quantico are grouped below according to program category.

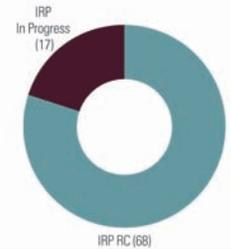
IRP

- Finalize three proposed plans, three LTM plans, design for cleanup at two sites (including the Quantico Embayment), and one TS work plan in FY10.
- Complete cleanup at Site 99/96 (Quantico Embayment) in FY10-FY11.
- Sign RODs for Site 100 (Chopawamsic Creek), Site 102 (Abraham's Creek), Site 99/96 (Quantico Embayment), and Multi-site M13 in FY10-FY11.

MMRP

- Complete quality assurance plans for the SI work plan and SI report in FY10.
- Complete SIs at all sites in FY10-FY11.

FFID:	MA157282448700	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Falmouth, Massachusetts (22,000 acres)	Funding to Date:	\$ 693.9 million
Mission:	Provide Army and Air National Guard training and support the East Coast Air Defense and Coast Guard Air and Sea Rescue Units	Est. CTC (Comp Year):	\$ 228.7 million (FY 2055)
HRS Score:	45.93; placed on NPL in November 1989	IRP Sites (Final RIP/RC):	85 (FY2009)
IAG Status:	FFA signed in July 1991; last amended in June 2002	MMRP Sites (Final RIP/RC):	None
Contaminants:	Waste solvents, VOCs, pesticides, metals, SVOCs, explosives, propellants, petroleum-related compounds, PAHs, phenols	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-100



Progress To Date

Massachusetts Military Reservation (MR) provides Army and Air National Guard training, and supports the East Coast Air Defense and Coast Guard Air and Sea Rescue Units. Sites at Massachusetts MR include chemical spill (CS) sites, fuel spill sites, storm drains, landfills (LFs), and former firefighter training areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in July 1991, which was last amended in June 2002, to outline how they were going to proceed with cleanup. Massachusetts MR formed a Restoration Advisory Board in January 1993 to discuss the installation’s cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY97, FY03, and FY08.

To date, the installation signed Records of Decision (RODs), interim RODs, and decision documents (DDs), which selected cleanup actions for 85 sites; 66 sites have closed. In FY05, Massachusetts MR conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response program (MMRP); no MMRP sites were identified. Cleanup progress at Massachusetts MR for FY05 through FY08 is summarized below.

In FY05, the installation completed removal actions at two sites, completed Phases I and II removal actions at the CS 19 unexploded ordnance (UXO) disposal site, issued cleanup reports for five sites, closed three sites, and determined that no further cleanup actions were necessary at two groundwater sites. The installation also decommissioned a soil vapor extraction (SVE) system. Massachusetts MR continued monitoring, operation, and optimization of eight groundwater treatment systems and an SVE system.

In FY06, Massachusetts MR completed construction on its largest groundwater treatment system, which treats over 4.7 million gallons per day from four sites. Massachusetts MR continued monitoring, operating, and optimizing eight groundwater treatment systems with a combined capacity of over 17 million gallons per day. The installation completed two RODs; one interim ROD, and one DD; resulting in three closed sites, cleanup completion for one site, and installed cleanup

systems at one site. The installation also completed cleanup at Fuel Spill (FS) site 25 and CS 14, and began operating cleanup systems at CSs 4, 20, and 21, and FS 29. Massachusetts MR completed the Phase III removal action at the CS 19 UXO disposal site, and determined that no further cleanup action was necessary for the CS 13 groundwater site. Massachusetts MR submitted an NPL delisting package for 63 sites to EPA.

In FY07, Massachusetts MR completed construction of all groundwater treatment systems and finalized RODs for LF 1 and CS 23. The Air Force Center for Engineering and the Environment awarded a contract for a utility-class wind turbine to offset the large electricity demand of the eight groundwater treatment systems. The installation installed an additional extraction well at the FS 28 groundwater contaminated area, which required six off-base easements. EPA published a notice of partial NPL delisting for 61 Massachusetts MR sites.

In FY08, Massachusetts MR completed its third five-year review report. The installation began a new land use control program that restricted access to the site and addressed potential exposure to off-base contaminated groundwater from legacy private wells. The installation also continued the CS 19 source area removal action, including the removal and disposal of over 2,000 tons of soil. Massachusetts MR determined two potential MMRP sites were ineligible, as they were located on operational range property.

FY09 IRP Progress

Massachusetts MR completed RODs for contaminated groundwater at the Ashumet Valley and CSs 10 and 19. The installation completed cleanup construction or removal actions required by the RODs. No further construction of cleanup systems is required; the installation is operating on- and off-base pump-and-treat systems at 12 groundwater cleanup sites. Massachusetts MR also completed DDs for Ashumet Valley and CSs 10, 18, 19. The installation completed the required removal action at CS 18. Massachusetts MR required no further construction of cleanup systems at all sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed construction of the wind turbine.

FY09 MMRP Progress

Massachusetts MR conducted a historical records review at Otis Air National Guard Base. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Massachusetts Military Reservation are grouped below according to program category.

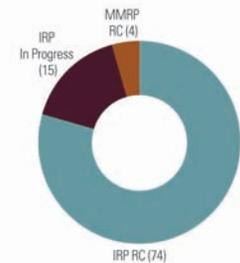
IRP

- Complete construction of the wind turbine and use State grant to connect it to the grid in FY10.
- Evaluate potential for additional wind turbines in FY10.
- Complete private well verifications for the LF 1 and CS 23 contaminated areas in FY10.
- Establish a collaborative and repeatable approach for system optimizations with regulatory agencies in FY10.
- Operate an effective groundwater system which protects human health and the environment in FY10-FY11.

MMRP

- Conduct a preliminary assessment for sites identified in the historical records review in FY10-FY11.

FFID:	CA957002474300	Funding to Date:	\$ 204.4 million
Location (Size):	Sacramento, California (5,718 acres)	Est. CTC (Comp Year):	\$ 69.2 million (FY 2067)
Mission:	Provided navigation and electronic warfare officer training; housed SAC Bombing and Refueling Squadron	IRP Sites (Final RIP/RC):	89 (FY2006)
HRS Score:	28.90; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	4 (FY2009)
IAG Status:	IAG signed in 1989	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, SVOCs, metals, solvents, jet fuel, petroleum hydrocarbons, lead, PCBs	IRP/MMRP Status Table:	Refer to page C-6-30
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Before becoming inactive in FY93, Mather Air Force Base (AFB) housed the 323rd Flying Training Wing, a Strategic Air Command (SAC) Wing, a Reserve air refueling group, and an Army National Guard aviation unit. Site types include landfills (LFs), underground storage tanks, fire training areas (FTAs), a trichloroethylene (TCE) disposal site, a weapons storage area, wash rack areas, spill areas, and waste pits (WPs). The potential risk to human health and the environment was significant enough for EPA to place Mather AFB on the NPL in July 1987. In 1989, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. The BRAC Commission recommended closure of Mather AFB in December 1988. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In the same year, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Mather AFB. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

Mather AFB grouped sites into six operable units (OUs): OU 1, Aircraft Control and Warning Site; OU 2, Groundwater; OU 3, Soil; OU 4, LF; OU 5, Basewide; and OU 6, Supplemental Basewide. Mather AFB has signed Records of Decision (RODs) selecting cleanup actions for OUs 1 through 6. In FY04, Mather AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Mather AFB from FY05 through FY08 is summarized below.

In FY05, Mather AFB began operating a new extraction well in the southwest part of the Main Base/SAC Area. The installation operated the existing groundwater and soil vapor extraction (SVE) systems. Mather AFB obtained concurrence on the second five-year review report. The installation began evaluating requirements at MMRP sites. The RAB and BRAC cleanup team performed community activities.

In FY06, Mather AFB continued to operate existing groundwater and SVE systems. The installation collected site information on the remaining 13 active SVE sites. Mather AFB completed the final OU 6 ROD and verified that no further

construction of cleanup systems was required. The installation continued to evaluate requirements at MMRP sites. RAB and BRAC cleanup team activities continued.

In FY07, the Mather AFB continued to operate existing groundwater and SVE systems. The installation reinstalled the groundwater cleanup system at WP 007 and installed an additional monitoring well at the southwest part of the Main Base/SAC Area to assist in determining the location for a new extraction well. Under the MMRP, Mather AFB began investigating if the practice grenade range site (Ordnance Area [XU] 400) could be closed.

In FY08, Mather AFB continued to operate existing groundwater and SVE systems and installed an additional extraction well at the southwest part of the Main Base/SAC Area. Mather AFB also installed 105 additional SVE monitoring and extraction wells, and 21 additional groundwater monitoring wells. The installation finalized the lead removal work plan at FTA 010C. Under the MMRP, Mather AFB completed the site inspection (SI) work plans for the remaining sites.

FY09 IRP Progress

Mather AFB has obtained EPA concurrence of construction complete at all cleanup systems. The installation completed excavating lead at FTA 010C. Mather AFB installed 15 groundwater monitoring wells, and decommissioned 44 groundwater monitoring wells and 8 injection wells. The installation sampled 15 private water wells adjacent to the base. Mather AFB completed the first revision of the Mather Off-base Water Supply Contingency Plan, and submitted several reports for regulatory review: two explanations of significant differences, which clarified institutional controls (ICs) in two RODs and added new ICs to prevent human exposure to indoor air contamination; closure reports for LF 018, FTA 010C, and Storage Tank (ST) 068; a determination that the Northeast Plume (LF 004) cleanup is operating properly and successfully; a capture-zone analysis for WP 007 groundwater cleanup to report on all the water controlled by an extraction well system; and updates to the capture-zone analysis for the Main Base/SAC Area groundwater cleanup. Mather AFB conducted a pump test of perched water, or water that is above the regional water table, and determined that perched water does not need to be removed from the vicinity of WP 007. The cost of

completing environmental restoration has changed significantly due to changes in estimating criteria.

RAB and BRAC cleanup team activities continued.

FY09 MMRP Progress

Mather AFB completed clearing fields at Unexploded Munitions (XU) site 400. The installation continued to evaluate the practice bomb range (XU 403) for closure.

Regulatory issues delayed completion of the SI documentation at remaining MMRP sites.

Plan of Action

Plan of action items for Mather Air Force Base are grouped below according to program category.

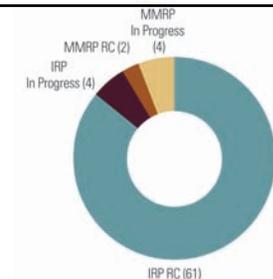
IRP

- Solicit performance-based contract in FY10.
- Complete third five-year review report in FY10.
- Achieve operating properly and successfully concurrence for LF 004 in FY10.
- Submit operating properly and successfully documentation for remainder of Groundwater OU in FY10-FY11.

MMRP

- Complete SIs and close XU 400 and XU 403 in FY10.

FFID:	WA057182420000	Media Affected:	Groundwater and Soil
Location (Size):	Tacoma, Washington (4,616 acres)	Funding to Date:	\$ 28.3 million
Mission:	Provide airlift services for troops, cargo, and equipment	Est. CTC (Comp Year):	\$ 2.9 million (FY 2044)
HRS Score:	31.94 (Area D/American Lake Garden Tract); placed on NPL in September 1984; 42.24 (Washrack/Treatment Area); placed on NPL in July 1987 and delisted from NPL in September 1996	IRP Sites (Final RIP/RC):	65 (FY2004)
IAG Status:	FFA signed in August 1989; consent decree with State of Washington signed in February 1992	MMRP Sites (Final RIP/RC):	6 (FY2015)
Contaminants:	VOCs, SVOCs, metals, radioactive waste	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-57



Progress To Date

McChord Air Force Base (AFB) provides airlift services for troops, cargo, equipment, and mail. Sites at the installation include fire training areas, spill sites (SSs), landfills (LFs), and waste pits (WPs). The potential risk to human health and the environment was significant enough for EPA to place two sites on the NPL: the Area D/American Lake Garden Tract (ALGT) in September 1984, and the Washrack Treatment Area in July 1987. DoD and EPA signed a federal facility agreement (FFA) in August 1989 to outline how they were going to proceed with cleanup. In 1992, the installation signed a consent decree with the State of Washington. EPA delisted the Washrack Treatment Area from the NPL in September 1996. In 2005, the BRAC Commission recommended McChord AFB for realignment. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the Washrack Treatment Area in FY99 and FY04, and for Area D/ALGT in FY00 and FY05.

McChord AFB has identified 65 Installation Restoration Program (IRP) sites since 1982. The installation evaluated 64 sites and installed several cleanup systems as required by the individual cleanup action plans. Six sites are currently listed on the State's hazardous sites list and are managed through long-term monitoring and natural cleanup processes. To date, the installation has treated 600 million gallons of groundwater and recovered 52 pounds of trichloroethylene (TCE) at Area D/ALGT. The installation signed a Record of Decision (ROD) for the Washrack Treatment Area and Area D/ALGT, which selected cleanup actions for these sites. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at McChord AFB for FY05 through FY08 is summarized below.

In FY05, McChord AFB completed its second five-year review report and finalized a study to optimize cleanup at Area D/ALGT. The installation monitored progress of SS 34N cleanup and optimized the site inspection (SI) execution strategy. McChord AFB began the preliminary assessments (PAs) for all MMRP sites.

In FY06, McChord AFB pursued options for delisting Area D/ALGT from the NPL. The installation extended the monitoring of progress and refined the SI optimization for SS 34N.

In FY07, McChord AFB continued SS 34N SI optimization. The installation conducted long-term monitoring and cleanup using natural processes at all sites. McChord AFB conducted operation and maintenance for Area D/ALGT and redirected NPL delisting efforts for the site. The installation began dialogue with the State to delist LFs 01 and 02, and Disposal Pit (DP) 61 and WP 64. McChord AFB completed the PAs for all MMRP sites.

In FY08, McChord AFB removed insecticide-contaminated soil from WP 64 and submitted a cleanup report to the State of Washington. The installation continued the SS 34N SI optimization. McChord AFB began the SI for MMRP sites.

FY09 IRP Progress

McChord AFB conducted pump-and-treat operations at Area D/ALGT and planned for enhanced natural cleanup. The installation plans to use bio-enhancement to increase the population of resident TCE-reducing bacteria to accelerate cleanup at Area D/ALGT. The installation also continued SS 34N SI optimization and solution injections to reduce the levels of TCE in the contaminated groundwater area. McChord AFB monitored natural cleanup of three petroleum contaminated sites. McChord AFB submitted a Model Toxics Control Act delisting request for LFs 01 and 02, and DP 61 and WP 64 to the State of Washington. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

McChord AFB completed SI fieldwork and began lead cleanup at two ranges and munitions clearing at three sites.

Plan of Action

Plan of action items for McChord Air Force Base are grouped below according to program category.

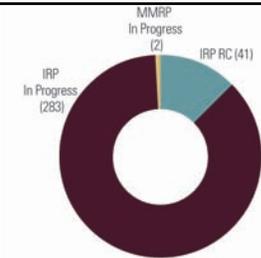
IRP

- Continue pump-and-treat operations at Area D/ALGT in FY10.
- Continue monitoring SS 34N optimization progress in FY10.
- Revise long-term monitoring program in FY10.
- Complete third five-year review report in FY10.
- Transfer environmental restoration responsibilities to Fort Lewis in FY11.

MMRP

- Finish lead cleanup at two ranges and clear munitions at three sites in FY10.

FFID:	CA957172433700	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Sacramento, California (3,452 acres)	Funding to Date:	\$ 622.2 million
Mission:	Provided logistics support for aircraft, missile, space, and electronics programs	Est. CTC (Comp Year):	\$ 444.4 million (FY 2066)
HRS Score:	57.93; placed on NPL in July 1987	IRP Sites (Final RIP/RC):	324 (FY2015)
IAG Status:	FFA signed in May 1990	MMRP Sites (Final RIP/RC):	2 (FY2011)
Contaminants:	Metals, cleaners and degreasers, paints, lubricants, photochemicals, phenols, SVOCs, solvents, PCBs, VOCs, radioactive material, explosives, propellants	Five-Year Review Status:	Underway and planned
		IRP/MMRP Status Table:	Refer to page C-6-30



Progress To Date

The mission of the former McClellan Air Force Base (AFB) was to provide support for aircraft, missile, space, and electronics programs. Environmental contamination at McClellan AFB has resulted from sumps associated with industrial operations, landfills (LFs), leaks from industrial waste lines, surface spills, and underground storage tanks. The contaminated areas total over 660 acres and consist primarily of trichloroethylene (TCE)-contaminated groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in May 1990 to outline how they were going to proceed with cleanup. In 1995, the BRAC Commission recommended the closure of McClellan AFB. The installation has formed a BRAC cleanup team to develop a process for cleanup of sites. In FY93, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, McClellan AFB completed two five-year review reports in FY04.

Sites at the installation are grouped into 11 Operable Units (OUs), including an OU for groundwater at base. McClellan AFB has signed six Records of Decision (RODs), which selected cleanup actions at four OUs. The installation has transferred 530 acres, and found another 600 suitable for transfer in FY09. In FY04, McClellan AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at McClellan AFB for FY05 through FY08 is summarized below.

In FY05, McClellan AFB completed the third phase of construction on a groundwater system. The installation awarded a contract guaranteeing cleanup and closure of the Davis Site. The installation held ongoing BRAC cleanup team and RAB activities.

In FY06, McClellan AFB completed cleanup at two of the three contaminated sites in the local redevelopment authority Initial Parcel 1 ROD. The installation operated the biovent system, a system which increases oxygen flow to stimulate microbial activity, at the third contaminated site in the local

redevelopment authority Initial Parcel 1 ROD. McClellan completed a feasibility study (FS) evaluating cleanup alternatives and a proposed plan (PP). The installation minimized the time required for cleanup by completing an agreement on a new flow, fate, and transport model, a model that estimates the movement and chemical alteration of contaminants as they move through groundwater. The installation continued the soil vapor extraction (SVE) program, expanding the number of treatment systems from 14 to 16. The installation conducted verification sampling and completed initial negotiations with regulators to close a completed SVE site. McClellan AFB evaluated MMRP requirements at two sites: the former Skeet Range and a suspected discarded military munitions LF site. BRAC cleanup team activities and active RAB participation continued.

In FY07, McClellan AFB continued to operate and maintain the groundwater pump-and-treat system, biovent system, and multiple SVE systems. Regulators approved the ROD for groundwater contaminated with Volatile Organic Compounds (VOCs). McClellan AFB completed a pilot project involving the early transfer of a 62-acre parcel with privatized cleanup of nine sites suspected to contain contamination for the Installation Restoration Program (IRP). The FFA signed in May 1990 required an amendment. Regulators approved soil vapor cleanup standards, and the installation finalized contract language to require monitoring of soil vapors. BRAC cleanup team activities and active RAB participation continued.

In FY08, McClellan AFB completed the non-VOC groundwater remedial investigation (RI) and FS. With regulator concurrence, the installation completed the ROD for the Initial Parcel 2. Under the MMRP, McClellan AFB began a historical records review.

FY09 IRP Progress

McClellan AFB completed the RI/FS documents for the local redevelopment authority Initial Parcel 3, and transferred responsibility for the PP and ROD to EPA. The installation drafted RI/FS documents for Building 252, Small Volume Sites, and Ecological Sites. The installation completed a PP and a ROD amendment for groundwater not contaminated by VOCs. McClellan AFB found 600 acres suitable for early transfer with privatized cleanup. The installation obtained approval of two

five-year review reports. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the ROD for the focused strategic sites. Regulatory issues delayed completion of RI/FSs, PPs, and RODs for the Small Volume and Ecological Sites.

FY09 MMRP Progress

McClellan AFB completed a field investigation of the LF with suspected discarded military munitions; none were found. The installation conducted surface soils characterization and began writing an FS and workplan for cleanup at the former Skeet Range.

Plan of Action

Plan of action items for McClellan Air Force Base are grouped below according to program category.

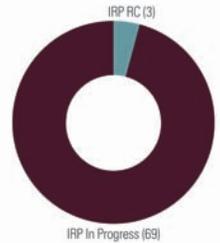
IRP

- Complete ROD for focused strategic sites in FY10.
- Complete RI/FS for follow-on strategic sites in FY10-FY11.
- Complete PP and RODs for Building 252, Small Volume Sites, and Ecological Sites in FY10.

MMRP

- Close LF site formerly suspected of discarded military munitions contamination in FY10-FY11.
- Complete PP and ROD for the former Skeet Range, and design and begin cleanup in FY10-FY11.

FFID:	NJ257182401800	Funding to Date:	\$ 73.0 million
Location (Size):	Burlington County, New Jersey (3,500 acres)	Est. CTC (Comp Year):	\$ 130.0 million (FY 2032)
Mission:	Provide quick-response airlift capabilities for placing military forces into combat situations	IRP Sites (Final RIP/RC):	72 (FY2012)
HRS Score:	47.20; placed on NPL in October 1999	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in September 2009	Five-Year Review Status:	Planned
Contaminants:	SVOCs, PAHs, BTEX, TPH, VOCs, metals, PCBs, TCE, pesticides, radioactive materials	IRP/MMRP Status Table:	Refer to page C-6-117
Media Affected:	Groundwater and Soil		



Progress To Date

McGuire Air Force Base (AFB) provides quick-response airlift capabilities for placing military forces into combat situations. Cleanup sites include landfills (LFs), waste piles (WPs), fire training areas, hazardous waste storage areas, and spill sites (SSs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1999. In FY09, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The installation formed a Restoration Advisory Board (RAB) in 1999 to discuss cleanup progress with the community.

To date, McGuire AFB has identified 72 Installation Restoration Program (IRP) sites, including 6 sites at the Boeing Michigan Aeronautical Research Center (BOMARC), a remote location under McGuire AFB jurisdiction. In FY05, the Air Force conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at McGuire AFB for FY05 through FY08 is summarized below.

In FY05, McGuire AFB completed remedial investigation (RI) fieldwork for LF 03 and the RI for Building 2227 (SS 24). The installation began a basewide comprehensive planning process, an ecological study, and a background study. The DOE led a survey at the BOMARC missile accident site (Radioactive Waste [RW] Site 01) and identified numerous discrete particles of contamination. McGuire AFB expanded the fence line around the BOMARC facility to contain some of the identified particles. The installation held two RAB meetings, one partnering meeting at the installation- and state-level, and one partnering meeting at the installation, state, and regional levels.

In FY06, McGuire AFB completed additional site surveys and began cleanup of the Class 1 area at the BOMARC missile accident site (RW 01). The installation continued work on the basewide comprehensive planning process, ecological study, and background study; began RIs for the LF Operable Unit (OU) (LFs 02, 19, 20, and WP 21) and Site ST 07; and completed the RI study for LF 03. McGuire AFB held one installation and state level meeting and two RAB meetings, began the RAB Journal, and distributed two RAB mailings.

In FY07, McGuire AFB began RIs for 4 OUs (16 sites), completed fieldwork for 1 OU (SS 25/26), and submitted work plans for 2 OUs to regulators. The installation also completed RIs for Other (OT) site 16 and SS 24. The installation completed the BOMARC facility and rapid site characterization projects for 11 sites. Under the MMRP, McGuire AFB began the preliminary assessment (PA) to identify potential sites at the installation.

In FY08, McGuire AFB awarded a performance-based contract (PBC) for 24 sites; the contract covers the initial phases of cleanup, including the RI and feasibility study (FS) to evaluate cleanup alternatives. The installation also submitted RI reports for 11 sites for regulatory review. McGuire AFB held one RAB meeting.

FY09 IRP Progress

DoD and EPA signed an FFA in September 2009. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical and regulatory issues delayed the completion of the RI/FS at 24 sites under the PBC and the RI/FS at the 14 remaining sites. Technical issues delayed site closure and the request for no further cleanup action at the BOMARC missile accident site (RW 01).

McGuire AFB held three RAB meetings, including a site tour.

FY09 MMRP Progress

Technical issues delayed completion of the PA. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for McGuire Air Force Base are grouped below according to program category.

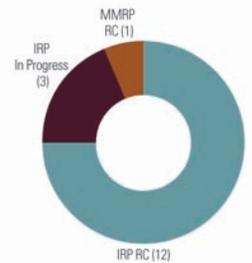
IRP

- Complete site closure report and request no further cleanup action at the BOMARC missile accident site (RW 01) in FY10.
- Assume environmental restoration responsibilities from Fort Dix and Lakehurst Naval Air Engineering Station in FY10.
- Conduct quarterly RAB meetings in FY10-FY11.
- Complete RI and begin FS at 14 remaining sites in FY11.
- Complete RI and begin FS at 24 sites under the PBC in FY11.

MMRP

- Begin site inspections (SIs) and complete the PA in FY10.
- Complete SIs in FY11.

FFID:	PA317002210400	Funding to Date:	\$ 34.9 million
Location (Size):	Mechanicsburg, Pennsylvania (824 acres)	Est. CTC (Comp Year):	\$ 9.2 million (FY 2025)
Mission:	Provide inventory management and supply support for weapons systems	IRP Sites (Final RIP/RC):	15 (FY2011)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	1 (FY2001)
IAG Status:	FFA signed in November 2004	Five-Year Review Status:	Completed and planned
Contaminants:	PCBs, heavy metals, pesticides, VOCs, SVOCs, dioxin	IRP/MMRP Status Table:	Refer to page C-7-46
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

Mechanicsburg Naval Inventory Control Point (NICP), currently Naval Support Activity (NSA) Mechanicsburg, provides inventory management and supply support for weapons systems. Historical defense industrial and inventory disposal operations have caused contamination at this installation. The potential risk to human health and the environment was significant enough for EPA to place NSA Mechanicsburg on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in 2004 to outline how they were going to proceed with cleanup. Formed in FY88, a technical review committee responsible for communicating cleanup progress with the community converted to a Restoration Advisory Board in FY95. The installation created an electronic administrative record and completed a community relations plan in FY99. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

Environmental investigations conducted at NSA Mechanicsburg identified 15 Installation Restoration Program (IRP) sites. To date, the installation completed Records of Decision (RODs), which selected cleanup actions for Sites 1 and 3 (soil and groundwater); a ROD determined that no further cleanup activities were necessary at Site 11. In addition, the installation completed Decision Documents determining no further action for Sites 2, 4, 7, 8 (groundwater), 11 through 15, and 49 lower priority areas of concern (AOCs). In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at NSA Mechanicsburg for FY05 through FY08 is summarized below.

In FY05, NSA Mechanicsburg signed an FFA. The installation completed a ROD for Site 3, and remedial investigation (RI) work plan and fieldwork at Site 5.

In FY06, NSA Mechanicsburg completed the RI and feasibility study (FS) to evaluate cleanup alternatives, and an engineering evaluation and cost analysis (EE/CA) for Site 5. The installation also completed an EE/CA for Site 11. Additionally, the installation also completed performance monitoring of the Site 3 pilot study and issued the draft report.

In FY07, NSA Mechanicsburg completed an RI and drafted a focused FS for Site 8 (soil). The installation issued a sampling report for groundwater monitoring at Site 3, and evaluated the relevance of an explanation of significant differences and FS addendum. Additionally, the installation collected sampling and analysis data for Site 9. NSA Mechanicsburg also completed the proposed cleanup plan, cleanup actions, and ROD determining no further action for Site 11. NSA Mechanicsburg received regulatory concurrence for no further action at the former outdoor pistol range (AOC 47).

In FY08, NSA Mechanicsburg completed cleanup and drafted the proposed cleanup plan for Site 5. NSA Mechanicsburg completed groundwater monitoring at Site 3, and determined that an explanation of significant differences, FS addendum, and ROD amendment for Site 3 were not required.

FY09 IRP Progress

NSA Mechanicsburg completed a five-year review report. The installation also completed a proposed cleanup plan and ROD determining no further action for Site 5; a cleanup plan and ROD for Site 8; and a focused FS and proposed cleanup plan for Site 9. The installation continued annual groundwater monitoring and completed the site optimization at Site 3.

Regulatory issues delayed completion of the design for cleanup at Site 8 and the ROD and cleanup actions at Site 9.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Mechanicsburg Naval Inventory Control Point are grouped below according to program category.

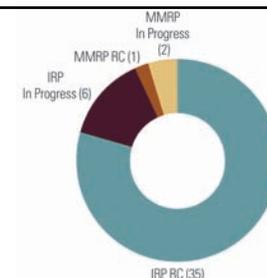
IRP

- Complete the ROD, award a cleanup contract, and complete cleanup for Site 9 in FY10.
- Complete remedial design and award cleanup contract for soil removal and site cleanup at Site 8 in FY10.
- Continue annual groundwater monitoring at Site 3 in FY10.
- Complete site management plan in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TN421382058200	Funding to Date:	\$ 164.7 million
Location (Size):	Milan, Tennessee (22,357 acres)	Est. CTC (Comp Year):	\$ 63.6 million (FY 2044)
Mission:	Load, assemble, pack, ship, and demilitarize explosive ordnance	IRP Sites (Final RIP/RC):	41 (FY2014)
HRS Score:	58.15; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	3 (FY2015)
IAG Status:	IAG signed in 1989	Five-Year Review Status:	Completed and planned
Contaminants:	Munitions-related wastes, SVOCs, metals, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-155
Media Affected:	Groundwater and Soil		



Progress To Date

The Milan Army Ammunition Plant (AAP) handles explosive ordnance. In FY91, Milan AAP discovered the explosive compound RDX in the City of Milan's municipal water supply wells. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1989 to outline how they were going to proceed with cleanup. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Milan AAP completed five-year review reports in FY01 and FY05.

Since FY87, preliminary assessments and site inspection (SI) activities have identified 25 sites requiring further investigation at Milan AAP. Subsequent studies expanded the number of sites, and the installation grouped the sites into five operable units (OUs). To date, the installation has signed six Records of Decision (RODs), selecting cleanup actions for 15 sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Milan AAP for FY05 through FY08 is summarized below.

In FY05, Milan AAP completed a characterization of all explosives-contaminated soils within the Northern Industrial Areas of the facility. The installation also produced a process report, which evaluated a cleanup action for groundwater treatment. Milan AAP completed a five-year review report and submitted an MMRP SI report for comments. The installation attended partnership training sessions with EPA, the Army, and the State of Tennessee, and established a charter.

In FY06, Milan AAP completed soil characterization and excavation for all production lines. EPA indicated concerns about statistically-evaluated sampling procedures. Milan AAP submitted a draft feasibility study (FS) to evaluate groundwater cleanup alternatives to regulators. Milan AAP received comments from EPA and the State of Tennessee, which identified unresolved issues about cleanup objectives and preliminary cleanup goals. In response, the installation developed a state-level management plan to address these

issues. Under the MMRP, Milan AAP completed the SI report for all three sites. RAB members toured all groundwater treatment systems and bioremediation facilities.

In FY07, EPA required that the MMRP be integrated into the Installation Restoration Program (IRP) to receive approval for the OU 5 cleanup completion report.

In FY08, Milan AAP submitted the cleanup reports for soil at OUs 3 and 4 to regulators. The installation developed a ROD modification for OU 4 Region 1, which included the installation of four additional off-site groundwater extraction wells.

FY09 IRP Progress

Milan AAP completed cleanup and finalized the cleanup report for the ROD for OUs 3 and 4. The installation completed the long-term monitoring plan for groundwater at all sites. The installation optimized the OU 4 groundwater treatment plant by adding three extraction wells at the contaminated area. Milan AAP completed a technical memorandum of the treatment and submitted it for regulatory review. Milan AAP also developed cleanup alternatives and site characterization for soils located at OU 5.

Administrative issues delayed completion of the ROD for groundwater at OUs 1 and 3.

FY09 MMRP Progress

Milan AAP awarded a contract to conduct a remedial investigation (RI) at three MMRP sites.

Milan AAP informed the RAB of potential MMRP activities.

Plan of Action

Plan of action items for Milan Army Ammunition Plant are grouped below according to program category.

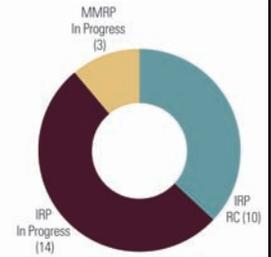
IRP

- Complete a five-year review report in FY10.
- Complete the ROD for groundwater at OUs 1 and 3 in FY10.
- Continue well monitoring for all contaminated groundwater and long-term monitoring for the ROD for soil at OUs 3 and 4 in FY10-FY11.
- Perform characterization of soil in support of the FS process in FY10-FY11.
- Finalize the ROD for soil at OU 5 and implement cleanup in FY10-FY11.

MMRP

- Complete the RI report in FY10.
- Complete FS for Milan AAP sites 01 and 03 in FY10-FY11.
- Complete RODs for all MMRP sites in FY10-FY11.

FFID:	CA921350696A00	Funding to Date:	\$ 0.0 million
Location (Size):	Concord, CA (4,324 acres)	Est. CTC (Comp Year):	\$ 123.7 million (FY 2018)
Mission:	Ships, receives, inspects, and classifies munitions (Tidal Area).	IRP Sites (Final RIP/RC):	58 (FY2013)
HRS Score:	30.00; placed on NPL in December 1994	MMRP Sites (Final RIP/RC):	4 (FY2018)
IAG Status:	FFA signed in November 2009	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Heavy metals, petroleum hydrocarbons, VOCs, SVOCs, explosives, and propellants.	IRP/MMRP Status Table:	Refer to page C-6-19
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Military Ocean Terminal Concord (MOTCO) ships, receives, inspects, and classifies munitions. These activities resulted in the contamination of surface water and sediment at the Tidal Area, which includes tidal and litigation area sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994 when it was part of Naval Weapons Station Concord. DoD and EPA signed a federal facility agreement (FFA) in November 2009 to outline how they would proceed with cleanup. The BRAC Commission recommended realignment of the Tidal Area, and in 2008, the final BRAC determination transferred the Tidal Area from Naval Weapons Station Concord to the Army. Under Naval Weapons Station Concord, the installation received funding for technical assistance for public participation and updated the community relations plan in FY03. To ensure continuous monitoring and improvement, the installation completed a five year review report in FY03. In 2005

To date, the installation determined no further cleanup action was necessary for Site 28. In 2009, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); three MMRP sites were identified. Cleanup progress at MOTCO for FY05 through FY08 is summarized below.

In FY05, the BRAC Commission recommended Naval Weapons Station Concord for partial closure and realignment.

In FY08, Naval Weapons Station Concord transferred the Tidal Area to the Army; Navy closed, transferred, and redeveloped the remaining Inland Area.

FY09 IRP Progress

MOTCO conducted long-term management (LTM) for Litigation Area Sites 3 through 6, 25, 26, and 28, and began preparation of the five-year review report for these sites. The installation also submitted a proposed plan (PP), a draft Record of Decision (ROD), and began preparation of the design for cleanup for Litigation Area Sites 32 and 33. Additionally, MOTCO took over the construction of the Site 1 Landfill from the Navy. The installation also finalized the feasibility study (FS)

to evaluate cleanup alternatives for Sites 2, 9, and 11; began a removal action at Site 30; and submitted the final remedial investigation report for Site 31. MOTCO completed the fieldwork for Site 30.

MOTCO held a public meeting.

FY09 MMRP Progress

MOTCO began a site inspection (SI) for the MMRP which includes a historical records review.

Plan of Action

Plan of action items for Military Ocean Terminal Concord are grouped below according to program category.

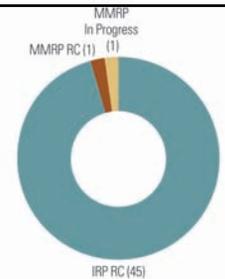
IRP

- Finalize the ROD, design for cleanup, and cleanup actions for Litigation Area Sites 32 and 33 in FY10-FY11.
- Continue LTM and finish the five-year review report for Litigation Area Sites 3 through 6, 25, and 28 in FY10-FY11.
- Finalize the Site 1 landfill cap design evaluation and finish construction of the cap in FY10-FY11.
- Finalize the PP, prepare the ROD, and cleanup Sites 2, 9, and 11 in FY10-FY11.
- Prepare the cleanup closure documentation for Site 30 in FY10-FY11.
- Prepare the FS, PP, and ROD, and cleanup of soils and groundwater at Site 31 in FY10-FY11.

MMRP

- Issue a draft historical records review for stakeholder review in FY10-FY11.
- Conduct the SI and any necessary follow-on work in FY10-FY11.

FFID:	MS421382296600	Funding to Date:	\$ 0.0 million
Location (Size):	Hancock County, Mississippi (4,214 acres)	Est. CTC (Comp Year):	\$ 1.3 million (FY 2011)
Mission:	Managed, developed, tested, and manufactured the improved conventional munitions artillery	IRP Sites (Final RIP/RC):	45 (FY1990)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	2 (FY2011)
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Metals and solvents	IRP/MMRP Status Table:	Refer to page C-7-32
Media Affected:	Groundwater and Soil		



Progress To Date

Mississippi Army Ammunition Plant (AAP), the only ammunition plant built by the army after the Korean Conflict, served the War Department in the 1940s as a bombing and gunnery range. From 1969 to 1980, Edgewood Arsenal conducted pyrotechnic testing at the Mississippi AAP Kellar Test Range. In 1978, the Army obtained an irrevocable 50-year permit and leased 7,148 acres from NASA to expand construction and operations of Mississippi AAP on the John C. Stennis Space Center. In 1980, the U.S. Army Munitions Production Base Modernization Agency moved the range activities to a more remote location to allow Edgewood Arsenal to continue its operations. In 1990, DoD placed Mississippi AAP on inactive status, and the equipment and facilities were placed in layaway. Ammunition production ceased in FY92, and DoD made the plant available to the private sector to provide or produce commercial services and products through facility-use contracts. In 2005, the BRAC Commission recommended closure of Mississippi AAP.

To date, Mississippi AAP has completed four amendments to the 50-year permit with NASA, returning 2,934 acres to NASA. In FY03, the installation completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified. Cleanup progress at Mississippi AAP for FY05 through FY08 is summarized below.

In FY05, the BRAC Commission recommended closure of Mississippi AAP.

In FY06, Mississippi AAP began a report to summarize the environmental condition of all transferable property.

In FY07, Mississippi AAP completed the report on the environmental condition of all transferable property, and submitted it to EPA and the Mississippi Department of Environmental Quality for approval. The installation also requested and received concurrence on the CERFA report identifying uncontaminated property at the base. Mississippi AAP coordinated with EPA and the Mississippi Department of Environmental Quality to conduct field sampling as part of a site inspection (SI). The installation received and incorporated comments on this plan from regulators, and began field sampling.

In FY08, the installation completed SIs at two MMRP sites: the Kellar Test Range and the Spin Launch Test Site. Mississippi AAP completed cleanup responsibilities at the Kellar Test Range.

FY09 IRP Progress

Mississippi AAP received regulatory approval for the work plans to close, decontaminate, and demolish the Industrial Wastewater Treatment Plant (Mississippi AAP Site 047). The installation began fieldwork at the site and completed cleanup operations- including the decontamination of all process tanks and piping, demolition of structures and containment areas, recycling of scrap materials, and soil and groundwater testing. Mississippi determined that chromium was not present above regulatory thresholds for either soil or groundwater. The Mississippi Department of Environmental Quality approved the closure report for the site. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

FY09 MMRP Progress

Mississippi conducted no MMRP actions.

Plan of Action

Plan of action items for Mississippi Army Ammunition Plant are grouped below according to program category.

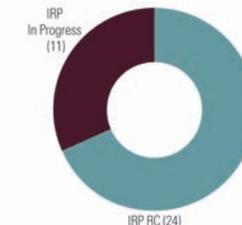
IRP

- Begin RI and conduct vapor intrusion studies at Mississippi AAP Site 014 in FY10-FY11.

MMRP

- Conduct RI at the Spin Launch Test Site in FY10.

FFID:	CA917002323800	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Sunnyvale, California (3,097 acres)	Funding to Date:	\$ 173.9 million
Mission:	Served as host to 7th Infantry Division (Light); supports the Defense Language Institute Foreign Language Center, currently at the Presidio of Monterey, California	Est. CTC (Comp Year):	\$ 42.8 million (FY 2041)
HRS Score:	42.24; placed on NPL in February 1987	IRP Sites (Final RIP/RC):	35 (FY2014)
IAG Status:	FFA signed in September 1990	MMRP Sites (Final RIP/RC):	None
Contaminants:	Pesticides, SVOCs, explosives, propellants, VOCs, petroleum hydrocarbons, heavy metals, solvents	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-25



Progress To Date

Moffett Field Naval Air Station (NAS) was headquarters of the Commander, Patrol Wings U.S. Pacific Fleet. At that time, Moffett Field NAS was the largest P-3 base in the world and was responsible for submarine patrol operations across the Pacific. Sites at the installation include landfills (LFs), underground storage tanks (USTs), a burn pit, ditches, holding ponds, wetland sediments, French drains, maintenance areas, and fuel spill sites. Contaminants include polychlorinated biphenyls (PCBs), petroleum products, DDT, chlorinated solvents, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in FY90, amended in FY94 and FY01, which outlined how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation. The installation closed on July 1, 1994 and transferred to NASA. The Naval Air Manor property transferred to a neighboring city. The associated Moffett Community Housing was transferred to the Army. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. The BRAC cleanup team completed a BRAC cleanup plan to prioritize sites requiring environmental restoration, which was updated in FY97. The installation completed a community relations plan and established an information repository in FY89; the community relations plan was updated in FY02. The installation formed technical review committee, which was responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board (RAB) in FY95. To ensure continuous monitoring and improvement, the installation completed a five-year review report for two groundwater sites in FY03, and another report for Site 1 in FY07.

The installation divided sites into seven operable units (OUs). To date, the installation has completed Records of Decision (RODs), which determined that no further cleanup activities were necessary at environmental restoration sites. The installation has also completed RODs selecting cleanup actions for OU 1, Sites 22, 26, 27, and 28. The installation has closed 35 petroleum sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program

(MMRP); no MMRP sites were identified. Cleanup progress at Moffett Field NAS for FY05 through FY08 is summarized below.

In FY05, the installation finalized the remedial investigation report addendum and submitted the draft feasibility study (FS) report addendum, which evaluated cleanup alternatives for Site 25, for agency review and comment. The installation also finalized the ROD and began cleanup at Site 27. The installation continued the site management plan for delisting Moffett Field NAS from the NPL.

In FY06, Moffett Field NAS developed and submitted an FS for Site 25. The installation also completed and implemented the Site 27 design for cleanup, and implemented optimization of the Site 26 pump-and-treat system. The installation continued resolution of groundwater contaminant responsibility.

In FY07, Moffett Field NAS completed the second five-year review report at Site 1. The installation also identified a potential source of PCB contamination at Site 25; completed an FS at Site 25; completed cleanup and began preparations for a cleanup completion report at Site 27.

In FY08, Moffett Field NAS completed the revised engineering evaluation and cost analysis, a structural analysis, and an evaluation of adverse effects for the Hangar 1 project (Site 29). The installation also completed the memorandum of agreement for the Site 22 LF, and received determinations for no further action for five aboveground storage tanks, two USTs, and two former Navy petroleum pipelines.

FY09 IRP Progress

Moffett Field NAS completed the proposed plan and draft ROD for Site 25. The installation also continued long-term management in accordance with the ROD at Sites 1 and Site 22.

Moffett Field NAS started a five-year review report for the base. Regulatory and community issues also delayed the cleanup completion report for Site 27.

FY09 MMRP Progress

Moffett Field NAS has identified no MMRP sites.

Plan of Action

Plan of action items for Moffett Field Naval Air Station are grouped below according to program category.

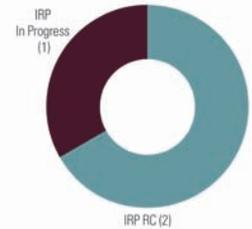
IRP

- Finalize design for cleanup for the removal action at Site 29 (Hangar 1) in FY10.
- Finalize five-year review report for the base in FY10.
- Finalize the cleanup completion report and obtain concurrence for closeout at Site 27 in FY10.
- Prepare design for cleanup at Site 25 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA09799F331700	Funding to Date:	\$ 19.5 million
Location (Size):	Moses Lake, Washington (9,607 acres)	Est. CTC (Comp Year):	\$ 0.3 million (FY 2012)
Mission:	Served as tactical air command, air transport, and strategic air command base; provided pilot training	IRP Sites (Final RIP/RC):	3 (FY2012)
HRS Score:	50.00; placed on NPL in October 1992	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG signed in March 1999	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	VOCs (specifically TCE)	IRP/MMRP Status Table:	Refer to page C-7-58
Media Affected:	Groundwater		



Progress To Date

Larson Air Force Base (AFB) first served as a Tactical Air Command base, then as a military air transport facility, and later as a Strategic Air Command base. DoD sold the Port of Moses Lake property in 1966; the property is now operated by the Grant County Airport. The former Larson AFB property primarily served as a regional aviation, industrial, and educational facility. The U.S. Army Corps of Engineers (USACE) conducted environmental assessments, which began in FY87, and identified four sites that required further investigation: 11 underground storage tanks and the associated potentially contaminated soil, groundwater contaminated with trichloroethylene (TCE), an area potentially containing low-level radioactive waste, and two disposal areas potentially containing tetraethyl lead. The potential risk to human health and the environment was significant enough for EPA to place the property (Moses Lake) on the NPL in October 1992. DoD and EPA signed an interagency agreement (IAG) in March 1999 to outline how they were going to proceed with cleanup. In 1999, USACE established a Restoration Advisory Board (RAB) to discuss the installations cleanup progress with the community. The RAB was dissolved in September 2003.

Cleanup progress for Moses Lake for FY05 through FY08 is summarized below.

In FY05, USACE completed the TCE investigation of groundwater at Moses Lake. USACE conducted long-term management (LTM), including annual water sampling and analysis, for domestic wells and filters for residents. USACE completed the draft feasibility study (FS) to evaluate cleanup alternatives at the groundwater and shallow soils operable units.

In FY06, USACE provided ongoing litigation support to the Department of Justice, and revised the groundwater and shallow soils FSs. USACE also completed a draft report on a search of historical archives.

In FY07, EPA approved the final remedial investigation, FS, and shallow soils FS documents.

In FY08, USACE continued LTM of residential wells and filters.

FY09 IRP Progress

USACE continued LTM of residential wells and filters. EPA signed the interim Record of Decision, which selected cleanup actions at 14 sites. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

FY09 MMRP Progress

USACE has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Moses Lake Wellfield Contamination Site are grouped below according to program category.

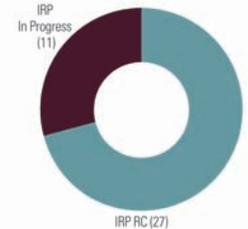
IRP

- Coordinate with EPA and Department of Justice regarding settlement actions in FY10.
- Continue LTM of residential wells and filters in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	ID057212455700	Est. CTC (Comp Year):	\$ 0.4 million (FY 2011)
Location (Size):	Mountain Home, Idaho (6,000 acres)	IRP Sites (Final RIP/RC):	38 (FY2011)
Mission:	Provide composite combat air power worldwide	MMRP Sites (Final RIP/RC):	None
HRS Score:	NA; placed on NPL in August 1990	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in January 1992	IRP/MMRP Status Table:	Refer to page C-7-23
Contaminants:	VOCs, POLs, heavy metals		
Media Affected:	Surface Water, Soil, Groundwater		
Funding to Date:	\$ 19.7 million		



Progress To Date

The mission of Mountain Home Air Force Base (AFB) is to provide composite combat air power worldwide. Sites identified at the installation include landfills (LFs), fire training (FT) areas, a fuel hydrant system spill area, disposal pits, surface runoff areas, wash racks, ditches, underground storage tanks, petroleum/oil/lubricant (POL) lines, and a low-level radioactive material disposal site. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Mountain Home AFB for realignment. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY00, the installation updated the community relations plan. To ensure continuous monitoring and improvement, Mountain Home AFB completed five-year review reports in FY01 and FY06.

To improve and accelerate site characterization, the installation grouped sites into operable units (OUs). The installation has signed one Record of Decision (ROD), which selected cleanup actions for OUs 1, 3, 5, and 6; the lagoon LF; and FT Area 8. The installation also signed RODs requiring no further cleanup actions at OUs 2 and 4. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Mountain Home AFB for FY05 through FY08 is summarized below.

In FY05, Mountain Home AFB monitored wells for fuel and trichloroethylene (TCE) vapors at eight sites and conducted groundwater monitoring. The installation also awarded a performance-based contract.

In FY06, Mountain Home AFB completed a five-year review report and drafted an explanation of significant differences for LFs 01 and 02. The installation continued to monitor wells for fuel and TCE in groundwater and completed vapor intrusion sampling. Mountain Home AFB drafted an engineering evaluation and cost analysis for removal actions at LF 23, Other (OT) site 16, Storm Drain (SD) 27, and Spill Site (SS) 29; and

began pilot studies at FT 08, SS 11, SD 24 and Storage Tank (ST) 13.

In FY07, Mountain Home AFB completed the explanation of significant differences for LFs 01 and 02, and removal actions at SD 27 and SS 29. The installation also started a one-year pilot study for FT 08, SS 11, SD 24, and ST 13. The installation completed an indoor air vapor intrusion evaluation for the whole base with regulatory concurrence. Under the MMRP, Mountain Home AFB began a preliminary assessment (PA) at potential sites.

In FY08, Mountain Home AFB completed cleanup system enhancements at FT 08, SS 11, SD 24, and ST 13. The installation completed removal actions at OT 16 and LF 23 with regulatory concurrence. Mountain Home AFB also completed a risk assessment for soils, a remedial investigation, and a feasibility study (FS) amendment to evaluate cleanup alternatives for groundwater for the entire installation. Under the MMRP, the installation awarded a contract to perform response actions, and continued the PA at potential sites.

FY09 IRP Progress

Mountain Home AFB signed a ROD amendment for soils at FT 08. The installation also finalized an FS to evaluate cleanup alternatives at ST 11. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the ROD amendment for groundwater at FT 08, and the completion of sampling and removal at LF 23.

FY09 MMRP Progress

Administrative issues delayed the PA for all potential sites. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Mountain Home Air Force Base are grouped below according to program category.

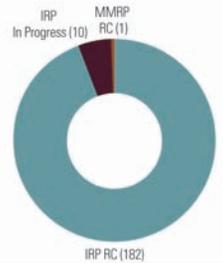
IRP

- Complete field activities and pilot tests at LF 23 and SD 24 in FY10.
- Complete ROD ammendment for groundwater at OU 3 in FY10.
- Complete construction of a soil vapor extraction system at ST 11 in FY10.
- Complete sampling and removal actions at LF 23 in FY10.

MMRP

- Complete PA in FY10.

FFID:	SC457002482100	Funding to Date:	\$ 60.1 million
Location (Size):	Myrtle Beach, South Carolina (3,937 acres)	Est. CTC (Comp Year):	\$ 10.3 million (FY 2034)
Mission:	Served as host to a tactical fighter wing	IRP Sites (Final RIP/RC):	192 (FY2010)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	1 (FY2003)
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	Paints, POLs, thinners, waste oils, SVOCs, explosives, propellants, spent solvents, fuels, VOCs, metals, asbestos	IRP/MMRP Status Table:	Refer to page C-6-151
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Myrtle Beach Air Force Base (AFB) formerly housed a tactical fighter wing. Sites identified at the installation include landfills (LFs), weathering pits, fire training areas, drainage ditches, hazardous waste storage areas, maintenance areas, underground storage tanks, explosive ordnance areas, fuel storage areas, a small arms firing range, and a lead-contaminated skeet range. Contaminants include petroleum/oil/lubricants, heavy metals, and volatile organic compounds (VOCs). The 1991 BRAC Commission recommended closure of Myrtle Beach AFB and the installation closed in 1993. In FY93, a joint management team assumed the role of the BRAC cleanup team to develop a process for cleanup of sites at Myrtle Beach AFB. In FY96 and FY04, the BRAC cleanup team updated the BRAC cleanup plan, which incorporates community input to prioritize sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community.

Myrtle Beach AFB has transferred 3,934 acres. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. In FY08, Myrtle Beach AFB completed closure documentation for its only MMRP site, the former explosive ordnance disposal (EOD). Cleanup progress at Myrtle Beach AFB for FY05 through FY08 is summarized below.

In FY05, Myrtle Beach AFB began final cleanup of three sites. The installation closed an active cleanup system and began monitoring natural cleanup processes; discontinued monitoring at two LFs; and documented that no further cleanup action was necessary at one site. Myrtle Beach AFB evaluated and implemented improvements to all sites operating cleanup or continuing long-term management (LTM). The installation performed annual inspections of land use controls (LUCs), which restrict the use of or access to a site. Myrtle Beach AFB began evaluating requirements at the MMRP site. The RAB held three meetings and the installation conducted a site tour; the BRAC cleanup team held monthly meetings.

In FY06, Myrtle Beach AFB shut down one active treatment system. Regulators approved two documents demonstrating

that cleanup systems were operating properly and successfully. The installation continued annual inspections of LUCs. Myrtle Beach AFB began additional investigations at the former EOD proficiency range site after it discovered munitions debris. The RAB held two meetings, and the BRAC cleanup team continued to hold monthly meetings.

In FY07, Myrtle Beach AFB continued to operate treatment systems, monitor groundwater, and perform LTM. The installation evaluated and implemented improvements, and also continued annual LUC inspections. Myrtle Beach AFB finalized one study of corrective measures, one statement of basis describing the process by which EPA and the installation will select cleanup, and one decision document (DD) selecting cleanup actions for environmental restoration sites. Regulators approved three operating properly and successfully documents and a document demonstrating no further cleanup action was required. Under the MMRP, Myrtle Beach AFB issued final work plans for three sites. The installation also completed investigations and all required cleanup of the former EOD proficiency range site. The RAB held two meetings, and the BRAC cleanup team continued to hold monthly meetings.

In FY08, Myrtle Beach AFB continued to operate treatment systems, monitor groundwater, and perform LTM. The installation evaluated and implemented improvements, and also performed annual LUC inspections. The installation finalized two studies of corrective measures, two statements of basis, one revised statement of basis, and three DDs. Regulators approved two operating properly and successfully documents. The installation awarded a new 10-year performance-based contract, and began cleanup of three sites. Under the MMRP, Myrtle Beach AFB completed closure documentation for the investigation and cleanup of the former EOD proficiency range site. The RAB held two meetings, and the installation held two public meetings; the BRAC cleanup team continued to hold monthly meetings.

FY09 IRP Progress

Myrtle Beach AFB continued to operate treatment systems, monitor groundwater, and perform LTM and LUC maintenance. Regulators concurred that no further monitoring of groundwater at two LF sites would be necessary. The installation completed one DD and one operating properly and successfully document.

Myrtle Beach AFB implemented cleanup optimization at two sites, and completed an interim cleanup measure, during which additional contamination was discovered.

Technical issues delayed the completion of two DDs and one operating properly and successfully document.

The RAB held one meeting, and the BRAC cleanup team held monthly meetings.

FY09 MMRP Progress

Myrtle Beach AFB addressed all regulatory comments regarding the completed cleanup at the former EOD proficiency range site.

Plan of Action

Plan of action items for Myrtle Beach Air Force Base are grouped below according to program category.

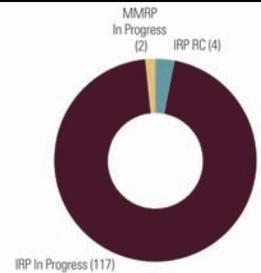
IRP

- Complete two DDs and one operating properly and successfully document in FY10.
- Complete one interim cleanup measure in FY10.
- Implement cleanup optimization at two sites in FY10.
- Complete transfer of all property in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	PR217004000300, PR217002758200	Funding to Date:	\$ 56.6 million
Location (Size):	Ceiba, Puerto Rico (8,432 acres)	Est. CTC (Comp Year):	\$ 61.5 million (FY 2041)
Mission:	Provided training and support to Atlantic Fleet operations in the Caribbean	IRP Sites (Final RIP/RC):	121 (FY2016)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	2 (FY2014)
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Petroleum hydrocarbons, VOCs, SVOCs, PCBs, metals	IRP/MMRP Status Table:	Refer to page C-6-145 and C-7-47
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Naval Station (NS) Roosevelt Roads began operations in 1943 as a Naval Operations Base to provide training and support to Atlantic Fleet operations in the Caribbean. Since the early 1960s, NS Roosevelt Roads' major mission had been to support the Atlantic Fleet Weapons Training Facility's training missions on Vieques Island, located approximately 7.5 miles east of NS Roosevelt Roads. The Naval Training Range on Vieques transferred to the Department of the Interior in May 2003, and all of the training activities have since ceased. In response to this action, NS Roosevelt Roads closed in March 2004. The real estate disposal/transfer was carried out in accordance with procedures outlined in BRAC 1990. In FY04, the Navy established Naval Activity (NA) Puerto Rico to serve as the caretaker of the real property associated with the former NS Roosevelt Roads and to assist in the transfer of the property. The installation established a Restoration Advisory Board (RAB) in FY07 to communicate cleanup progress with the community.

To date, NA Puerto Rico has transferred 4,856 acres; 4,634 acres transferred to the Commonwealth of Puerto Rico, 28 acres to the Episcopal Services Hospital, 141 acres to the Town of Ceiba, and 53 acres to the Army. The installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at NA Puerto Rico for FY05 through FY08 is summarized below.

In FY05, NA Puerto Rico completed a corrective measures study final report for Solid Waste Management Units (SWMUs) 7/8, 54, and 55.

In FY06, NA Puerto Rico performed assessments for potential risks to the environment for SWMUs 1, 2, 9, and 45. The installation also completed an RFI study for SWMU 14. Additionally, the installation completed corrective measures implementation plans at Area of Concern (AOC) C and SWMUs 46 and 53. Under the MMRP, NA Puerto Rico performed a Phase I RFI anomaly identification at Piñeros and Cabeza de Perro Islands. Additionally, the installation destroyed munitions and explosives of concern (MEC) discovered during the Phase I RFI.

In FY07, NA Puerto Rico signed a RCRA 7003 Order and ended the RCRA Part B permit. NA Puerto Rico closed and capped the RCRA-permitted landfill and began post-closure groundwater monitoring. NA Puerto Rico also closed the RCRA-permitted Hazardous Waste Storage Facility. The installation signed the Covenant Deferral Request and sent it to the Governor of Puerto Rico. NA Puerto Rico transferred two parcels totaling 3,127 acres; 2,986 acres transferred to the Commonwealth of Puerto Rico for conservation and 141 acres transferred to the town of Ceiba for recreation purposes. Under the MMRP, NA Puerto Rico identified a new SWMU 78 and developed land use controls, which restrict the use of and access to 10 SWMUs. NA Puerto Rico completed the detonation of various MEC items discovered on the main base. The installation completed a Phase I RFI geophysical investigation at Piñeros Island. NA Puerto Rico established the NA Puerto Rico RAB.

In FY08, NA Puerto Rico completed RFI reports for SWMUs 27, 28, 29, 42, and 68, and started work plans for SWMUs 9, 57, 60, 67, 70, and 75. The Governor of Puerto Rico signed the Covenant Deferral Request, which transferred the airport parcel of 1,648 acres to the Commonwealth of Puerto Rico and 28 acres to the Episcopal Services Hospital. Additionally, the installation completed the Los Machos Mangroves Restoration Project. NA Puerto Rico awarded a contract to complete corrective measures implementation plans at SWMUs 9 and 13. Under the MMRP, NA Puerto Rico awarded a contract to complete Phase I RFI anomaly identification at Piñeros Island. The installation held four RAB meetings.

FY09 IRP Progress

NA Puerto Rico began cleanup at SWMUs 7/8, 54, and 55. The installation also completed corrective measures implementation plans at SWMUs 9 and 13, work work plans at Sites 62, 71, 74, and 78. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed the sale of the economic development conveyance parcels and Parcels I, II, and III. Technical issues delayed cleanup at SWMUs 14, 56, 68, and 69 at the airport parcel.

FY09 MMRP Progress

Administrative issues delayed the Phase I RFI anomaly identification at Piñeros Island.

Plan of Action

Plan of action items for Naval Activity Puerto Rico are grouped below according to program category.

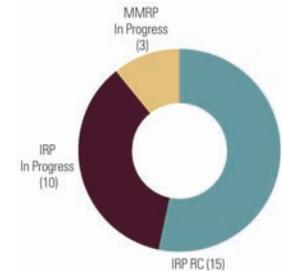
IRP

- Submit corrective measures completion report requesting no further action for AOC C and SWMUs 13, 46, and 53 in FY10.
- Complete interim corrective measures at SWMUs 1 and 2, and corrective measures at SWMU 68 in FY10.
- Begin cleanup at SWMUs 14, 56, 68, and 69 at the airport parcel in FY10.
- Begin corrective measures study investigation at SWMUs 27, 28, 29, and 61 in FY10.
- Complete sale of economic development conveyance parcels and Parcels I, II and III in FY11.

MMRP

- Complete Phase I RFI anomaly identification fieldwork at Piñeros Island in FY10.
- Complete Phase I RFI fieldwork and work plan at Unexploded Ordance 1 in FY10.

FFID:	ME117002201800	Funding to Date:	\$ 87.7 million
Location (Size):	Brunswick, Maine (7,259 acres)	Est. CTC (Comp Year):	\$ 38.2 million (FY 2040)
Mission:	Provides facilities, services, materials, and aircraft for submarine warfare	IRP Sites (Final RIP/RC):	25 (FY2010)
HRS Score:	43.38; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	3 (FY2019)
IAG Status:	FFA signed in 1989; revised in 1990	Five-Year Review Status:	Completed and planned
Contaminants:	DDT, PCBs, PAHs, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-6-93
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Naval Air Station (NAS) Brunswick supports activities for submarine warfare. Activities that contributed to contamination include intermediate aircraft maintenance, material support for maintenance, aircraft fueling services, storage and disposal of ordnance, and all-weather air station operations. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in 1989, revised in 1990 to include the State of Maine, to outline how they were going to proceed with cleanup. The installation established an administrative record and information repository in FY87; the administrative record was updated in FY07 and FY09. The community relations plan was completed in FY88, and updated in FY08. A technical review committee was formed in FY88, responsible for communicating cleanup progress with the community, and converted to a Restoration Advisory Board (RAB) in FY95. To ensure continuous monitoring and improvement, the installation conducted five-year review reports in FY01 and FY05.

To date, the installation has completed a Record of Decision (ROD), which selected cleanup actions for the eastern groundwater contaminated area, three underground storage tanks, and a waste pit. The installation also has signed a ROD for Sites 2, 4, 7, 9, 11, and 13, and the eastern groundwater contaminated area treatment plants. The installation also completed documentation that declared no further cleanup action was necessary for Sites 14, 15, 16, and 18. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at NAS Brunswick for FY05 through FY08 is summarized below.

In FY05, NAS Brunswick completed a five-year review report and continued to monitor sampling results at all sites. The installation demolished barracks at Site 9 and prepared an engineering evaluation and cost analysis (EE/CA) to address underlying contaminated soil. The installation found that extraction wells in the eastern contaminated area were unnecessary.

In FY06, NAS Brunswick contracted work to investigate the area north of Sites 2 and 17 (Building 95), and to begin fieldwork at the former explosive ordnance disposal site (Site 12). NAS Brunswick also began to develop and implement a work plan to delineate the extent of 1,4-dioxane, with planned modifications to the groundwater extraction and treatment system, if necessary. Under the MMRP, NAS Brunswick completed the preliminary assessment (PA) for existing areas of concern (AOCs). The installation identified additional AOCs, requiring a PA and site inspection (SI). NAS Brunswick held technical subcommittee and RAB meetings.

In FY07, NAS Brunswick installed a new extraction well to supplement the ongoing groundwater treatment of the eastern contaminated area. The installation conducted field investigations at Mere Brook, updated the long-term management plans to incorporate the number and sampling periodicity of the monitoring wells, and updated the administrative record. NAS Brunswick completed the PAs and SI work plans for MMRP sites. The installation conducted technical subcommittee and RAB meetings, developed a public Web site, and published a newsletter.

In FY08, NAS Brunswick completed a revised base instruction and developed institutional controls, which are tools that minimize the potential for human exposure. The installation completed work plans for the expanded Site 2 Area and Site 17, and began fieldwork. NAS Brunswick also started fieldwork in support of the 1,4-dioxane remedial investigation (RI), installed one extraction well, and began the background study work plan. Under the MMRP, NAS Brunswick started geophysical surveys to determine if surface and subsurface munitions were potentially present at MMRP AOCs and Site 12. NAS Brunswick updated the community relations plan.

FY09 IRP Progress

NAS Brunswick began fieldwork for the background study work plan and issued a draft 1,4-dioxane RI report. The installation also activated a new extraction well and completed RI fieldwork sampling at Site 17. The NAS completed fieldwork and developed a draft report for the area north of Site 2. The installation began cleanup of petroleum at the Naval Exchange and designs for groundwater treatment plant improvements. The installation updated the administrative record. The cost of

completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed fieldwork on the background study work plan, and removal actions for contaminants at Site 9. Regulatory issues delayed the ROD and removal of contaminated soil at Site 17. Technical issues delayed the 1,4-dioxane RI report.

FY09 MMRP Progress

NAS Brunswick initiated sampling at MMRP ranges and completed a work plan for munitions surface removal at Site 12B.

Plan of Action

Plan of action items for Naval Air Station Brunswick are grouped below according to program category.

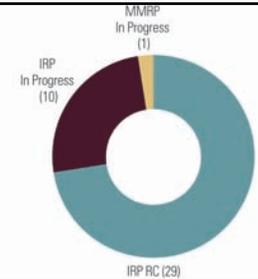
IRP

- Complete five-year review report in FY10.
- Complete fieldwork on background study work plan and replace two extraction wells in FY10.
- Complete RI report and begin operating the 1,4-dioxane treatment system for the eastern contaminated area in FY10.
- Complete RI/FS, proposed cleanup plan, and ROD for Site 17 in FY10-FY11.
- Complete cleanup of petroleum at Naval Exchange in FY10-FY11.
- Complete background fieldwork sampling, issue background report, and complete historical radiological assessment in FY10-FY11.

MMRP

- Complete action memorandum, EE/CA, and munitions surface removal for Site 12B in FY10.

FFID:	VA317002248200	Funding to Date:	\$ 32.9 million
Location (Size):	Virginia Beach, Virginia (2,147 acres)	Est. CTC (Comp Year):	\$ 23.1 million (FY 2051)
Mission:	Provide logistics facilities and support services to meet the amphibious warfare training requirements of the Armed Forces	IRP Sites (Final RIP/RC):	39 (FY2013)
HRS Score:	50; placed on NPL in May 1999	MMRP Sites (Final RIP/RC):	1 (FY2010)
IAG Status:	FFA signed November 2003	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, mixed municipal wastes, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-173
Media Affected:	Sediment, Soil, Groundwater, Surface Water		



Progress To Date

Naval Amphibious Base (NAB) Little Creek provides logistics facilities and support services to meet the amphibious warfare requirements of the Armed Forces. Site types at this installation include landfills, a music equipment plating shop, a laundry waste disposal area, a pentachlorophenol dip tank, sandblast yards, battery storage areas, and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1999. DoD and EPA signed a federal facility agreement (FFA) in 2003 to outline how they were going to proceed with cleanup. The installation established a Restoration Advisory Board (RAB) in 1994, which is responsible for communicating cleanup progress with the community. The RAB completed a community relations plan in FY02. The Navy, EPA, and the Commonwealth of Virginia formed a partnership to address environmental cleanup at the facility and meet frequently to track progress. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY09.

To date, NAB Little Creek has signed seven Records of Decision (RODs), which selected cleanup actions for 5 environmental restoration sites. The installation has also closed over 100 CERCLA and RCRA sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at NAB Little Creek for FY05 through FY08 is summarized below.

In FY05, NAB Little Creek completed RODs, which determined no further cleanup activities were necessary for Solid Waste Management Units (SWMUs) 7a and 8. The installation completed an environmental evaluation and cost analysis for Sites 7 and 8, and began interim cleanup construction. The installation completed a feasibility study (FS) to evaluate cleanup alternatives, and completed a ROD for Site 12. In addition, the installation closed SWMUs 18, 116, and Area of Concern (AOC) D with no further action. The installation began a preliminary assessment (PA) at the MMRP site identified in the FY02 inventory.

In FY06, NAB Little Creek completed interim cleanup for Site 8, and a treatability study report instead of a proposed plan and ROD for Sites 11a and 13. The installation also completed a vapor intrusion assessment, an FS, and a proposed cleanup plan for Site 11. The installation also completed an explanation of significant differences for Site 12. Under the MMRP, the installation identified six potential AOCs during the PA of the Morale Welfare and Recreation Skeet Range.

In FY07, NAB Little Creek completed RODs for Sites 11 and 13. The installation also completed the design for cleanup and cleanup actions for Site 12, the Phase II remedial investigation (RI) for SWMU 3, and the interim cleanup for Site 7. Under the MMRP NAB Little Creek completed two PAs addressing seven AOCs; three of these AOCs were recommended for no further action.

In FY08, NAB Little Creek completed the ROD for Site 8, and funded cleanup for Sites 11 and 13. The installation also began site inspections (SIs) at four MMRP sites.

FY09 IRP Progress

NAB Little Creek completed a five-year review report for five sites. The installation completed the ROD for Site 7, an interim cleanup completion report for Site 12, and cleanup at Site 11.

Technical and regulatory issues delayed cleanup at Site 13.

FY09 MMRP Progress

NAB Little Creek continued the SI for four sites at Unexploded Ordnance (UXO) 0001.

Plan of Action

Plan of action items for Naval Amphibious Base Little Creek are grouped below according to program category.

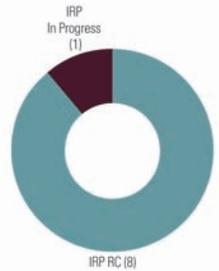
IRP

- Complete cleanup at Site 13 in FY10.
- Assume environmental restoration responsibilities from Fort Story in FY10.
- Complete assessment of potential risks to the environment at SWMU 7b in FY10-FY11.
- Complete cleanup completion report for Site 7 in FY10-FY11.
- Complete RI/FS for Site 11a in FY10-FY11.

MMRP

- Complete SI for four sites at UXO 0001 in FY10.

FFID:	CA917002757500	Media Affected:	Soil and Groundwater
Location (Size):	Crows Landing, California (1,527 acres)	Funding to Date:	\$ 30.3 million
Mission:	Served as auxiliary airfield for Moffett Field operations; used for practice operations by other Components during the 1970s and 1980s and as a research and development site by NASA	Est. CTC (Comp Year):	\$ 1.4 million (FY 2014)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	9 (FY2009)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	Petroleum products, solvents, refuse, ordnance, incinerator wastes, VOCs, SVOCs, metals	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-7-7



Progress To Date

The Naval Auxiliary Landing Field (NALF) Crows Landing was commissioned in May 1943, and served primarily as an auxiliary airfield for Moffett Field operations. In July 1991, the BRAC Commission recommended closure of NALF Crows Landing. The installation closed on July 1, 1994, and transferred to NASA in FY94. Congress authorized NASA to transfer the facility to Stanislaus County in FY99. In FY94, the installation formed a BRAC cleanup team to develop a process for the cleanup of sites. The team completed a BRAC cleanup plan with community input, which was updated in FY97, to prioritize sites requiring environmental cleanup. The installation established an information repository in FY89. In addition, the installation developed an environmental business plan and a community relations plan, both of which were updated in FY01. The installation updated the community relations plan again in FY02.

To date, NALF Crows Landing has transferred approximately 85 percent of the original acreage to the county. Regulatory oversight agencies have concurred on no further cleanup action for eight Installation Restoration Program (IRP) sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. The cleanup progress at NALF Crows Landing for FY05 through FY08 is summarized below.

In FY05, NALF Crows Landing extracted groundwater near the former dry well at the Administration Plume (IRP Site 17). In addition, the installation completed the investigation of groundwater beneath an adjacent property at IRP Site 17. The installation received regulatory closure on Underground Storage Tanks (USTs) 109 and 117, as well as the UST Cluster (CL) 2 area. NALF Crows Landing completed a demonstration project at IRP Site 17 and removal action at IRP Site 11 (disposal pits). The installation also began munitions and explosives of concern evaluations in four areas at the installation. The BRAC cleanup team continued to establish partnerships, evaluate the environmental programs, and approve the environmental master schedules for the installation. The installation issued two fact sheets and two public notices, updated the community relations plan, and held a public meeting.

In FY06, NALF Crows Landing continued groundwater monitoring for the base. The installation prepared a work plan for additional groundwater investigations at the off-site property adjacent to IRP Site 17.

In FY07, NALF Crows Landing conducted a removal action for excavation and sampling at IRP Sites 11 and 11B. The installation completed an interim cleanup alternative evaluation and work plan for the removal action pilot study at IRP Site 17. The installation also continued groundwater monitoring, including additional investigation at the off-site property adjacent to IRP Site 17. NALF Crows Landing closed groundwater monitoring wells except at IRP Site 17 and UST CL 2 area. The installation completed a memorandum requiring no further cleanup action at IRP Site 11A.

In FY08, NALF Crows Landing completed a removal action after-action report and received concurrence with no further cleanup action for IRP Sites 11 and 11B. The installation also implemented a Phase I bioremediation pilot study, which uses natural processes to cleanup contaminated areas, for IRP Site 17. NALF Crows Landing continued groundwater monitoring at the installation and an adjacent off-site area.

FY09 IRP Progress

NALF Crows Landing began a feasibility study and implemented Phase II and Phase III of the bioremediation pilot study for IRP Site 17. The installation also continued groundwater monitoring at the site and an adjacent off-site area. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

NALF Crows Landing has identified no MMRP sites.

Plan of Action

Plan of action items for Naval Auxiliary Landing Field Crows Landing are grouped below according to program category.

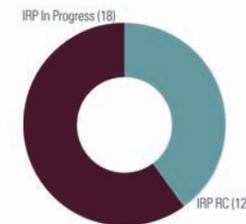
IRP

- Continue groundwater monitoring at IRP Site 17 and adjacent off-site area in FY10-FY11.
- Complete bioremediation pilot study for IRP Site 17 in FY10-FY11.
- Complete FS for IRP Site 17 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	HI917002438800	Funding to Date:	\$ 27.7 million
Location (Size):	Wahiawa and Lualualei, Hawaii (2,400 acres)	Est. CTC (Comp Year):	\$ 25.9 million (FY 2017)
Mission:	Operate and maintain communications facilities and equipment for naval shore installations and fleet units in the eastern Pacific	IRP Sites (Final RIP/RC):	30 (FY2016)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed March 2009	Five-Year Review Status:	Planned
Contaminants:	PCBs, metals, petroleum hydrocarbons, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-72
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Naval Computer and Telecommunications Area Master Station (NCTAMS), Pacific installation operates and maintains two communications facilities on the island of Oahu, but conducts industrial operations primarily at the main station and receiver site in Wahiawa and the Naval Radio Transmitting Facility in Lualualei. The restoration program has focused on those two facilities, where operation and maintenance of electrical transformers and switches have been the primary sources of contamination. Contamination with metals and petroleum hydrocarbons also resulted from the station's operating and maintenance activities. The potential risk to human health and the environment from detected polychlorinated biphenyl (PCB)-contaminated soil in work and residential areas was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a Federal Facilities Agreement (FFA) in FY09 to outline how they were going to proceed with cleanup. Since the installation consisted of two primary facilities, it established two Restoration Advisory Boards to discuss cleanup progress with the community. The installation completed the final community relations plan in FY95.

The installation determined that no further cleanup action was necessary for Site 14 and underground storage tank Sites 6 and 22. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at NCTAMS, Pacific for FY05 through FY08 is summarized below.

In FY05, NCTAMS, Pacific completed final sampling verification reports for Sites 14 and 15. The installation also completed a draft Step 3A assessment of potential risks to the environment at Sites 6 and 24.

In FY06, NCTAMS, Pacific completed remedial investigation (RI) reports for Sites 1, 2, 5, and 22. The installation also completed a no further action Record of Decision (ROD), which determined that no further cleanup activities were necessary for Site 22.

In FY07, NCTAMS, Pacific completed a feasibility study (FS) to evaluate cleanup alternatives, and installed and operated cleanup systems at Sites 1 and 2.

In FY08, NCTAMS, Pacific completed an interim removal action for Site 5.

FY09 IRP Progress

The installation completed the lower base site actions. DoD and EPA signed an FFA for the installation.

Regulatory issues delayed the completion of RODs for Sites 1, 2, 5, 6, and 24.

FY09 MMRP Progress

NCTAMS, Pacific has identified no MMRP sites.

Plan of Action

Plan of action items for Naval Computer and Telecommunications Area Master Station, Pacific are grouped below according to program category.

IRP

- Complete RI/FS reports for Sites 6 and 24 in FY10.
- Complete RI work plans and for Sites 4, 10, and 18 in FY10.
- Complete site investigation work plan for Site 3 in FY10.
- Complete RODs for Sites 1, 2, 5, 6, and 24 in FY10.

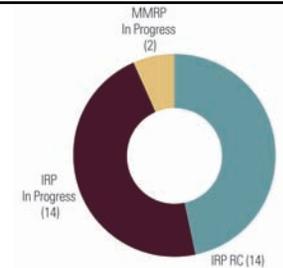
MMRP

There are no MMRP actions scheduled for FY10 or FY11.

Naval Facilities on Vieques

Formerly Vieques Naval Training Range and Naval Ammunition Support

FFID:	PR21730007400, PR217003172000, PR217006932100	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Vieques, PR (22,687 acres)	Funding to Date:	\$ 120.4 million
Mission:	Provided ground warfare and amphibious training for marines, naval gunfire support training, and air to ground training. Provided munitions storage for Atlantic Fleet training	Est. CTC (Comp Year):	\$ 269.9 million (FY 2045)
HRS Score:	NA; placed on NPL in February 2005	IRP Sites (Final RIP/RC):	28 (FY2015)
IAG Status:	FAA signed in September 2007	MMRP Sites (Final RIP/RC):	2 (FY2020)
Contaminants:	Pesticides, PCBs, gasoline, explosives, land waste oil, metals, VOCs, SVOCs, propellants	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to pages C-6-145 and C-6-146



Progress To Date

Naval Facilities on Vieques consists of the former Naval Ammunition Support Detachment (NASD) on the western end of the island and the former Vieques Naval Training Range (VNTR) on the eastern half. The installation provides training, and munitions storage for the Atlantic Fleet. Contaminated site types include underground storage tanks, open burning/open detonation areas, and munitions areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 2005. In FY07, DoD and EPA signed a federal facility agreement (FFA) to outline how they are going to proceed with cleanup. In FY04, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB).

To date, Navy has transferred 8,114 acres of the former NASD to the Department of the Interior (DOI), the Municipality of Vieques, and the Conservation Trust of Puerto Rico. The U.S. Fish and Wildlife Service manages 4,000 of these acres as a National Wildlife Refuge, and DOI manages 14,573 acres transferred from the former VNTR as a National Wildlife Refuge and Wilderness Area. In FY08, the installation completed a Record of Decision (ROD) determining that no further cleanup actions were necessary at the former NASD Area of Concern (AOC) H. Cleanup progress at Naval Facilities on Vieques for FY05 through FY08 is summarized below.

In FY05, the installation submitted engineering evaluations and cost analyses for four former NASD sites (AOCs J and R, and Solid Waste Management Units [SWMUs] 6 and 7), and a data summary report for the original RCRA sites. The Naval Facilities on Vieques began interim removal actions at the former NASD's sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP), including SWMU 4. For the former VNTR, the Naval Facilities on Vieques completed a preliminary assessment (PA) and site inspection (SI) work plan for eight photo-identified/potential (PI/P) AOC sites, and a background soil investigation work plan; the installation received regulatory approval for both. Under the MMRP, the installation conducted an SI, expanded range assessment, and a surface removal action at discrete sites in the former live impact area (LIA),

and specific beaches and roads, at the former VNTR. The installation also completed a RAB charter.

In FY06, the Naval Facilities on Vieques conducted a remedial investigation (RI) and supplemental RIs at three former NASD sites (AOCs E, I, and R). The installation began PA/SIs at eight PI/P AOC sites at the former VNTR, and completed a surface removal action of munitions and explosives of concern (MEC) from 200 of the approximately 900 acres on the LIA under the MMRP. The installation also completed a Phase II SI work plan and expanded range assessment.

In FY07, the Naval Facilities on Vieques completed the RI report at the former NASD AOCs H, J, 6, and 7, and started the RI at former NASD SWMU 4. The installation also completed the background soil investigation report at the former VNTR, prepared proposed cleanup plans requiring no further action for nine sites. Under the MMRP, the installation completed a surface removal of MEC on 290 acres on LIA and Eastern Conservation Area (ECA), and conducted a geophysical survey for 90 of 305 total acres to support the removal of MEC beneath the surface at selected beaches and roads. In addition, the installation conducted archaeological and biological assessments of ECA and Yellow Beach on the former VNTR and SWMU 4 on the former NASD, and began a burn plan in LIA and ECA on the former VNTR.

In FY08, the Naval Facilities on Vieques completed an ROD requiring no further action for the former NASD AOC H, RI reports for former NASD AOCs E and I, and a PA/SI at 12 former RCRA sites and 8 PI/P AOC sites on the former VNTR. The installation started an SI and expanded SI work plans at 25 of the 36 former RCRA and PI/P AOC sites, and an Decision Document (DD) requiring no further action to address the remaining 11 former RCRA and PI/P AOC sites. Under the MMRP, the Naval Facilities on Vieques completed archaeological and biological assessments at LIA and the surface removal action of MEC on 790 acres on the LIA and ECA. The installation completed work plans for subsurface MEC removal at selected beaches and roads.

FY09 IRP Progress

Naval Facilities on Vieques completed removal action at AOCs J and R, and SWMUs 6 and 7. The installation started an RI

report for AOC R, and also began a pilot study for AOCs E and I. Naval Facilities on Vieques completed SI fieldwork and began the SI report for 25 former RCRA and PI/P AOC sites on the former VNTR. D.C. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of a DD requiring no further action for 11 former RCRA and PI/P AOC sites on the former VNTR.

FY09 MMRP Progress

The Naval Facilities on Vieques completed fieldwork for the Phase II SI, and began the SI report for the entire installation. The installation also started MEC removal associated with the removal action in the surface impact area (SIA).

Administrative issues delayed the archaeological and biological assessments at the former VNTR.

Plan of Action

Plan of action items for Naval Facilities on Vieques are grouped below according to program category.

IRP

- Complete draft RI report for AOC R, and continue pilot study for former NASD AOCs E and I in FY10-FY11.
- Complete SI report for 25 former RCRA and PI/P AOC sites and DD requiring no further action for 11 former RCRA and PI/P AOC sites on the former VNTR in FY10-FY11.
- Begin environmental assessments at AOC J, and SWMUs 6 and 7 in FY10-FY11.
- Hold four RAB meetings in FY10-FY11.

MMRP

- Complete archaeological and biological assessments at the former VNTR in FY10.
- Continue MEC removal associated with removal actions in the SIA in FY10-FY11.
- Complete RI and begin FS report for SWMU 4, and complete the Phase II SI report in FY10-FY11.

FFID:	CA917002756300	Funding to Date:	\$ 60.9 million
Location (Size):	Richmond, California (416 acres)	Est. CTC (Comp Year):	\$ 0.0 million (FY 2042)
Mission:	Supply and provide bulk storage of various grades of petroleum fuel product for fleet	IRP Sites (Final RIP/RC):	4 (FY2012)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Petroleum products, VOCs, SVOCs, heavy metals	IRP/MMRP Status Table:	Refer to page C-7-8
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

The Naval Fuel Depot (NFD), Point Molate supplies and provides bulk storage of fuel for fleets. Operations at the installation included bulk storage and supply of fuel products, including JP5, JP7, diesel, and Bunker C. Contaminants of concern include petroleum hydrocarbons, polycyclic aromatic hydrocarbons, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) in the soil and groundwater. In July 1995, the BRAC Commission recommended closure of NFD, Point Molate. The installation formed a BRAC cleanup team in 1996 to develop a process for cleaning up sites at NFD, Point Molate. The installation also formed a Restoration Advisory Board (RAB) in 1996 to discuss the installation's cleanup progress with the community.

There are 13 disposal areas at NFD, Point Molate. The installation transferred nine disposal areas (1, 2, 4, 6-9, 11, and 12), consisting of 364 acres, to the City of Richmond in 2003. Two cleanup actions have been selected to date. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at NFD, Point Molate for FY05 through FY08 is summarized below.

In FY05, NFD, Point Molate completed the environmental and structural closure of the 22 underground storage tanks (USTs), pipelines, and valve boxes. The installation received concurrence on the structural closure from the regulatory agencies. The installation also completed a groundwater evaluation with concurrence from regulatory agencies. NFD, Point Molate selected and completed cleanup actions for Site 1. In concurrence with regulatory agencies, the installation changed the strategy for Site 4 and completed a risk assessment, instead of a feasibility study (FS) to evaluate cleanup alternatives. Groundwater and landfill (LF) monitoring continued for the base.

In FY06, the installation continued to monitor the Site 1 LF. The installation also completed the Site 1 design for cleanup, and construction and operation of a filtration system. The installation began early transfer and environmental strategy discussions with the local reuse authority regarding the remaining 52 acres on NFD, Point Molate.

In FY07, NFD, Point Molate completed the removal and closure of four Navy USTs on adjacent land formerly leased from a private landowner. NFD, Point Molate continued to monitor the Site 1 LF and groundwater. In collaboration with the regulatory agencies, the installation completed a product mobility and recovery study, and fuel fingerprinting at Site 3 to help complete the FS and corrective action plan. The installation conducted structural integrity inspections of the 20 remaining large USTs, and closed two of them. The NFD, Point Molate RAB conducted a community site tour.

In FY08, NFD, Point Molate continued to monitor the Site 1 LF and groundwater. In collaboration with regulatory agencies, NFD, Point Molate received environmental closure for seven additional USTs. The installation completed early transfer negotiations with the local reuse authority, and found the remaining four disposal areas suitable for early transfer. The installation also led Site 3 technical discussions, which provided critical input for the early transfer negotiations. Under the Early Transfer Cooperative Agreement, NFD, Point Molate will transfer the remaining cleanup responsibility to the City of Richmond.

FY09 IRP Progress

NFD, Point Molate continued to monitor the Site 1 LF and groundwater. NFD, Point Molate also continued to perform UST inspections and minor repairs. The Site 3 treatment system continued to operate. The BRAC cleanup team and RAB continued to meet. Upon deed transfer, all remaining cleanup responsibilities will be transferred to the City of Richmond. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

NFD, Point Molate has identified no MMRP sites.

Plan of Action

Plan of action items for Naval Fuel Depot, Point Molate are grouped below according to program category.

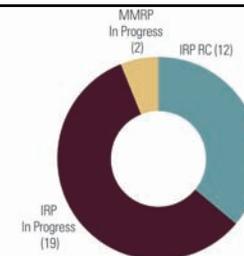
IRP

- Transfer the remaining property in FY10
- Continue UST inspections and minor repairs, and Site 1 LF monitoring, until the deed transfer in FY10.
- Transfer responsibility for the completion of the Site 3 FS, proposed plan, corrective action plan, and the Site 4 risk assessment to the City of Richmond in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	RI117002424300	Est. CTC (Comp Year):	\$ 39.1 million (FY 2041)
Location (Size):	Newport, Rhode Island (1,400 acres)	IRP Sites (Final RIP/RC):	31 (FY2020)
Mission:	Provide logistical support and serve as a training center	MMRP Sites (Final RIP/RC):	2 (FY2015)
HRS Score:	32.25; placed on NPL in November 1989	Five-Year Review Status:	Completed and Planned
IAG Status:	FFA signed in March 1992	IRP/MMRP Status Table:	Refer to page C-6-148
Contaminants:	PCBs, POLs, VOCs, SVOCs, metals		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 106.0 million		



Progress To Date

Naval Station Newport (formerly known as the Newport Naval Education and Training Center) served as a refueling depot from the early 1900s until after World War II, when it restructured to support research and development, and to provide specialized training. Currently, the installation provides logistical support and serves as a training center. Contaminants at the installation include petroleum/oil/lubricant (POL) sludge associated with tank farm sites, waste acids, solvents, and polychlorinated biphenyls (PCBs) in landfills used to dispose of general refuse and shop wastes. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1992 to outline how they were going to proceed with cleanup. Formed in FY88, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY95. In FY90, the installation completed a community relations plan, and established an ecological advisory board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99 and FY04.

In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Naval Station Newport for FY05 through FY08 is summarized below.

In FY05, the installation began site inspections (SIs) at Sites 12 and 13. The installation also completed the Site 8 removal action, Site 17 remedial investigation (RI) fieldwork, and Site 20 screening assessment. Under the MMRP, Naval Station Newport finalized the preliminary assessment for the unexploded ordnance (UXO) site 1 Carr Point Shooting Range, which recommended proceeding to the SI phase.

In FY06, Naval Station Newport completed the review of the cleanup system's effectiveness at Site 9. BRAC 2005 legislation transitioned responsibility for the Installation Restoration Program (IRP) program to the Naval Facilities Engineering Command Mid-Atlantic.

In FY07, the installation completed annual long-term operation activities at Site 1 and finalized an interim cleanup work plan for removal of petroleum-contaminated soils at Site 9. The installation also completed RI field activities, submitted a final RI report, and started to develop the Phase II RI work plan for Site 17. Naval Station Newport completed an interim cleanup action at Site 19 to remove sandblast grit, an interim cleanup action at Site 21 to remove lead-contaminated soils, and an interim cleanup action at Site 8 to remove paint cans and drums. Under the MMRP, the installation completed the contract award for an SI at UXO 1 Carr Point Shooting Range, and submitted the draft SI work plan to regulators. The installation conducted six cleanup program manager meetings with EPA and the State of Rhode Island, and held six RAB meetings.

In FY08, Naval Station Newport completed annual long-term operation activities at Site 1 and RI fieldwork at Site 8. Naval Station Newport also completed a soil removal action and interim cleanup fieldwork at Site 9. The installation finalized the soil background study for the base and construction completion reports for Site 21. The installation also conducted six cleanup program manager meetings with EPA and the State of Rhode Island, and held six RAB meetings.

FY09 IRP Progress

Naval Station Newport completed annual long-term operation activities at Site 1. The installation also completed a removal of the pump-and-treat system at Site 13 (Tank Farm 5), and began interim removal action at Site 9, which consisted of the construction of a revetment. Naval Station Newport began the first round of Phase II RI fieldwork at Site 17. Additionally, Naval Station Newport finalized a screening assessment for Site 21, and concluded no further action was required. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Naval Station Newport finalized an SI work plan, implemented SI fieldwork, and submitted a draft SI report to regulators for UXO 1 Carr Point Shooting Range.

Plan of Action

Plan of action items for Naval Station Newport are grouped below according to program category.

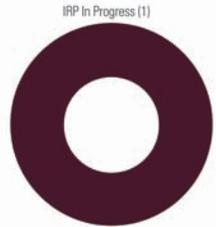
IRP

- Continue annual long-term operation activities at Site 1 in FY10.
- Complete Phase II RI fieldwork at Site 17 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA09799F345500	Est. CTC (Comp Year):	\$ 0.1 million (FY 2012)
Location (Size):	Tacoma, Washington (191 acres)	IRP Sites (Final RIP/RC):	1 (FY2012)
Mission:	Served as shipbuilding facility and reserve shipyard	MMRP Sites (Final RIP/RC):	None
HRS Score:	Unknown	Five-Year Review Status:	This installation is not required to complete a five-year review report.
IAG Status:	None	IRP/MMRP Status Table:	Refer to page C-7-58
Contaminants:	Mercury, VOCs, PNAs, PCBs, heavy metals, arsenic, lead		
Media Affected:	Groundwater, Sediment, Soil		
Funding to Date:	\$ 0.3 million		



Progress To Date

The Naval Station Todd-Tacoma shipyard is located on Commencement Bay between Hylebos and Blair Waterways in Tacoma, Washington. The Navy acquired the 191-acre facility between 1942 and 1948. Beginning in 1940, Seattle-Tacoma Shipbuilding Corporation (later renamed Todd Pacific Shipyards, Inc., Tacoma Division) rapidly developed 74.2 acres to support the war efforts; this land later became the western portion of the Naval Station Todd-Tacoma. The Navy and the Maritime Commission acquired land adjacent to the private property to expand the plant. By October 1942, the Maritime Commission had transferred all of its contractual and facility interests to the Navy. The Navy continued land acquisitions until the end of the war when the installation had grown to 191 acres. After the war, DoD designated the property a Naval Industrial Reserve Shipyard, and shipbuilding ceased. In September 1948, the Navy acquired the Todd-owned property. In October 1958, DoD declared the property excess. The Navy and Marine Reserve Training Center retained eight acres, and transferred the remaining property to the Port of Tacoma in January 1960.

Cleanup progress for Naval Station Todd-Tacoma for FY05 through FY08 is summarized below.

In FY05 through FY07, the United States Army Corp of Engineers (USACE) assisted the Office of Counsel and the Department of Justice with ongoing settlement negotiations, with potentially responsible parties (PRPs) who may share responsibility for environmental cleanup at Naval Station Todd-Tacoma.

In FY08, USACE monitored cleanup activities within the Commencement Bay area by PRPs.

FY09 IRP Progress

USACE continued to monitor cleanup actions by PRPs. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

USACE has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Naval Station Todd-Tacoma are grouped below according to program category.

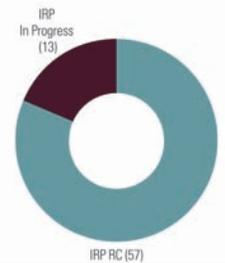
IRP

- Continue to monitor cleanup actions by PRPs in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA317002468500	Funding to Date:	\$ 69.3 million
Location (Size):	Dahlgren, Virginia (2,677 acres)	Est. CTC (Comp Year):	\$ 14.0 million (FY 2020)
Mission:	Proof and test ordnance	IRP Sites (Final RIP/RC):	70 (FY2019)
HRS Score:	50.26; placed on NPL in October 1992	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in September 1994	Five-Year Review Status:	Completed
Contaminants:	Heavy metals, explosives residues, low-level radioactive materials, mercury, cleaning solvents, PCBs, pesticides, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-172
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Dahlgren Naval Surface Warfare Center changed its name in FY05 to the Naval Support Facility, Dahlgren (Dahlgren) to reflect integration into the Naval District Washington Region. Dahlgren conducts ordnance testing for the Navy. Ordnance testing operations contributed to the contamination. Contaminated site types include former landfills, former ordnance burning and disposal areas, underground storage tanks, former ordnance ranges, and former ordnance research and development areas. Migration of these releases could affect the Potomac River, Gambo Creek, associated wetlands, and local groundwater aquifers used for drinking water. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in September 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Dahlgren for realignment. The installation established an information repository and an administrative record in FY91. In FY92, the installation completed a community relations plan, and formed a technical review committee responsible for communicating cleanup progress with the community. In FY95, the technical review committee was converted to a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03, FY04, and FY05.

To date, Dahlgren has completed Records of Decision (RODs) selecting cleanup actions for 20 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Dahlgren for FY05 through FY08 is summarized below.

In FY05, the installation completed a comprehensive five-year review report for annual wetland monitoring sites, a design for cleanup of Site 37, and annual wetland monitoring reports for Sites 6, 9, 17, 25, 46, 50, and 58. Dahlgren completed an RI (remedial investigation) and FS (feasibility study) to evaluate cleanup alternatives, a proposed plan (PP), and a cleanup action for Site 62. The installation completed interim cleanup actions for Sites 47b and 61b, and RIs for Sites 20 and 61a. Dahlgren also finalized two closeout documents for no further

cleanup action at Sites 38 and 40. The installation conducted removal actions at Sites 4 and 15, and held two RAB meetings.

In FY06, Dahlgren completed annual wetland monitoring reports for Sites 6, 9, 17, 25, 46, 50, and 58, a closeout report for Solid Waste Management Unit (SWMU) 128, and the Site 9 marsh cap repair. The installation also completed the revised design for cleanup at Site 37, and began cleanup. Dahlgren completed an engineering evaluation and cost analysis for Site 14. The installation held a public meeting to present the amended PP for Site 37, and held a RAB meeting.

In FY07, Dahlgren completed an FS and a PP for Sites 20 and 23, and a closeout document for Sites 47a and 47b. The installation awarded a contract for interim cleanup actions at Site 14, and began cleanup. The installation completed and signed an explanation of significant differences for Site 12, and completed annual wetland monitoring reports for Sites 2, 9, 17, 25, and 50. Dahlgren held a public meeting to present the Site 12 explanation of significant differences, and Sites 20 and 23 PP. The installation also held a RAB meeting.

In FY08, Dahlgren completed interim cleanup actions for Sites 20 and 23; a soil interim cleanup action for Site 14; and periodic groundwater monitoring reports for Sites 2, 9, and 17. The installation also awarded a contract for the groundwater cleanup for Sites 20 and 23, and started cleanup. Dahlgren finalized wetland monitoring reports for Sites 6, 9, 17, 25, 46, 50, and 58. The installation submitted a five-year review report for Site 2 for regulatory review, and held a RAB meeting.

FY09 IRP Progress

Dahlgren began interim cleanup actions at Sites 4 and 15, and groundwater monitoring at Sites 20 and 23. The installation completed wetland monitoring reports for various sites, and a cleanup completion report for Site 37. Dahlgren completed pipe removal at Site 14. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed completion of five-year review reports for various sites.

The installation held a RAB meeting.

FY09 MMRP Progress

Dahlgren has identified no MMRP sites at this installation.

Plan of Action

Plan of action items for Naval Support Facility, Dahlgren are grouped below according to program category.

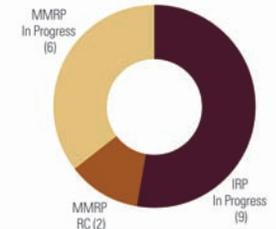
IRP

- Continue groundwater monitoring at Sites 20 and 23 in FY10.
- Continue interim cleanup actions at Sites 4 and 15 in FY10.
- Complete and submit an explosive safety submission for Site 61a, and issue a pilot work plan in FY10.
- Complete five-year review reports for various sites in FY10.
- Complete interim cleanup actions at Site 63 in FY10-FY11.
- Complete and submit chemical safety submission plans for Site 12 in FY10-FY11.
- Complete wetland monitoring reports for Sites 6, 9, 17, 25, 46, and 58 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917002452800	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Concord, California (13,023 acres)	Funding to Date:	\$ 93.1 million
Mission:	Shipped, received, inspected, and classified munitions (tidal area); served as munitions storage and weapons maintenance, inspection, and testing facility (inland area)	Est. CTC (Comp Year):	\$ 26.1 million (FY 2019)
HRS Score:	50.00; placed on NPL in December 1994	IRP Sites (Final RIP/RC):	9 (FY2014)
IAG Status:	FFA signed in June 2001	MMRP Sites (Final RIP/RC):	8 (FY2015)
Contaminants:	Heavy metals, petroleum hydrocarbons, VOCs, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-22



Progress To Date

Naval Weapons Station (NWS) Seal Beach, Detachment Concord ships, receives, inspects, and classifies munitions. It also serves as a munitions storage and weapons maintenance, inspection, and testing facility. These activities have resulted in the contamination of surface water and sediment at tidal and litigation-area sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in June 2001 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended closure of the inland area, and realignment of the tidal area. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY95. Concord also received funding for technical assistance for public participation, updated the community relations plan, and completed the five-year review report for the seven litigation-area sites in FY03.

Concord has completed Records of Decision (RODs) selecting cleanup actions for 15 environmental restoration sites, including no further cleanup activities for 20 sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Concord for FY05 through FY08 is summarized below.

In FY05, Concord completed the design and began cleanup of the Site 1 landfill cap. The installation also completed a treatability study in the litigation areas; performed data gap sampling at Sites 2, 9, and 11; and completed an engineering evaluation and cost analysis for Site 30. The installation began the MMRP preliminary assessment (PA) and issued a draft report for review.

In FY06, Concord transitioned management of Sites 13, 17, 22, 27, 29, and Solid Waste Management Units (SWMUs) 2, 5, 7, and 18 under BRAC 2005. The installation also signed a ROD for no further cleanup action at Site 17. Under the MMRP, the installation finalized the PA and awarded the contract to

begin the site inspection (SI) work plan. The RAB reviewed site characterization documents and coordinated cleanup.

In FY07, Concord prepared a revised feasibility study (FS) to evaluate cleanup alternatives and conducted a groundwater treatment pilot study to evaluate solvent cleanup technology for SWMUs 2, 5, 7, and 18. The installation also completed a remedial investigation (RI) and FS report for Site 22. Under the MMRP, the installation finalized PAs for the former Inland Burn Area, the Eagles Nest Explosive Ordnance Disposal (EOD) Site, the Black Pit at Red Rock Site, and the Site HE 5 Burn Area.

In FY08, Concord completed FSs for SWMUs 2, 5, 7, 18; a draft final FS report for Site 22; draft proposed plans (PPs) for SWMU sites; RI fieldwork at Site 22A; and a soil investigation at Site 27. Concord also began the historical radiological assessment program for the base. Under the MMRP, Concord finalized the PA for the Inland and Tidal Area sites; finalized SI work plans for the Inland Area sites; and conducted an SI for Site 24A, former Inland Burn Area, Eagles Nest EOD, Black Pit at Red Rock, and Site HE 5 Burn Area.

FY09 IRP Progress

Concord completed a PP and draft ROD for SWMUs 2, 5, 7, and 18; a draft PA/SI work plan for areas of potential interest; and a draft final work plan for a groundwater monitoring program at Sites 13, 22, 29, and SWMUs 2, 5, 7, and 18. The installation completed a historical radiological assessment for the base.

FY09 MMRP Progress

Concord completed a supplemental PA and determined that no further cleanup action was necessary for 40 acres at site 23A, Inland Area EOD. The installation completed fieldwork and a draft SI report for former Inland Burn Area, Eagles Nest EOD, Black Pit at Red Rock, and HE 5 Burn Area; a draft final work plan for SI fieldwork at site 24A; a draft risk assessment for Eagles Nest EOD and the former Inland Burn Area.

Plan of Action

Plan of action items for Naval Weapons Station Seal Beach, Detachment Concord are grouped below according to program category.

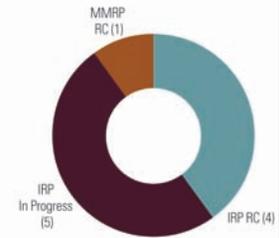
IRP

- Complete ROD and prepare design for cleanup for SWMUs 2, 5, 7, and 18 in FY10-FY11.
- Complete PP and ROD for Site 22 in FY10-FY11.
- Complete time-critical removal action at Site 27 in FY10-FY11.
- Complete radiological scoping surveys to determine the presence of radioactivity throughout the base in FY10-FY11.
- Complete FS and prepare PP for Site 22A in FY10-FY11.

MMRP

- Complete SI fieldwork Site 24A in FY10-FY11.
- Complete RI work plan and fieldwork for former Inland Burn Area and Eagles Nest EOD in FY10-FY11.

FFID:	NE79799F041800	Est. CTC (Comp Year):	\$ 242.3 million (FY 2075)
Location (Size):	Mead, Nebraska (17,214 acres)	IRP Sites (Final RIP/RC):	9 (FY2014)
Mission:	Performed ordnance storage and manufacturing activities	MMRP Sites (Final RIP/RC):	1 (FY2001)
HRS Score:	31.94; placed on NPL in August 1990	Five-Year Review Status:	Completed
IAG Status:	IAG signed in September 1991	IRP/MMRP Status Table:	Refer to page C-6-111
Contaminants:	Explosives, VOCs, TCE, PCBs, SVOCs, metals, propellants		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 115.9 million		



Progress To Date

From 1942 to 1956, Nebraska Ordnance Plant produced munitions at four bomb-loading lines, stored munitions, and produced ammonium nitrates. The property also contained burn areas, an Atlas missile facility, and a sewage treatment plant. The University of Nebraska now owns the majority of the property. The Nebraska National Guard, U.S. Army Reserves, and private entities own the remainder of the property. The U.S. Army Corps of Engineers (USACE) identified soil contaminated with polychlorinated biphenyls (PCBs) and munitions, and groundwater contaminated with explosives and volatile organic compounds (VOCs) on and off the site. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in September 1991 to outline how they were going to proceed with cleanup. USACE converted the technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY97. In FY99, USACE completed a memorandum of understanding with the Lower Platte National Resource District in which they agreed on the reuse of treated groundwater. USACE completed a community relations plan in FY08. To ensure continuous monitoring and improvement, USACE completed a five-year in FY04 and FY09.

To date, USACE has signed Records of Decision (RODs) for Operable Units (OUs) 1 and 2, which selected cleanup actions for these sites. USACE has incinerated over 16,000 tons of contaminated soil at Nebraska Ordnance Plant. Cleanup progress at Nebraska Ordnance Plant for FY05 through FY08 is summarized below.

In FY05, USACE provided technical and legal support to the Department of Justice (DOJ) for negotiations with parties potentially responsible for cleanup. USACE also began a supplemental groundwater investigation to better define the boundaries of the contaminated area.

In FY06, USACE continued operations and maintenance (O&M) of the air stripper treatment system and quarterly groundwater monitoring. The supplemental groundwater investigation clearly defined the southern and eastern perimeter of the contaminated area, supporting the design for additional groundwater monitoring wells. USACE also developed and submitted a

containment evaluation work plan describing how groundwater contaminants will be measured and reported. Additionally, USACE completed construction and started operation of the extraction well and air stripper treatment for Load Line 1. USACE implemented cleanup actions required by the OU 2 ROD. USACE continued to provide legal and technical support to DOJ.

In FY07, USACE continued O&M of the containment system and quarterly groundwater monitoring, and completed an evaluation of site groundwater contamination. USACE installed the additional groundwater monitoring wells on the southern and eastern edges of the contaminated area. USACE completed the first annual cleanup performance report, a comprehensive assessment of system performance using monitoring, modeling, and operations and maintenance data. USACE continued to provide legal and technical support to the DOJ.

In FY08, USACE completed construction of the advanced pre-treatment system and began full-scale operation. USACE submitted the five-year review report for OU 2 for regulatory concurrence and received additional regulatory comments. USACE also completed the OU 3 interim cleanup and community relations plan, continued O&M of the containment system and groundwater monitoring, and continued to provide legal and technical support to the DOJ. USACE also began the second Ordnance and Explosives Recurring Review.

FY09 IRP Progress

USACE completed the five-year review report with regulatory concurrence for OU 2. USACE continued O&M of the containment system and groundwater monitoring. USACE also completed annual reporting requirements and installed one new containment well and two focused extraction wells. Additionally, USACE began construction of a new treatment plant, conducted an additional site-wide investigation, began a sampling study, and continued to provide legal and technical support to the DOJ.

FY09 MMRP Progress

USACE received EPA comments on the Ordnance and Explosive Recurring Review and conducted one site visit.

Plan of Action

Plan of action items for Nebraska Ordnance Plant are grouped below according to program category.

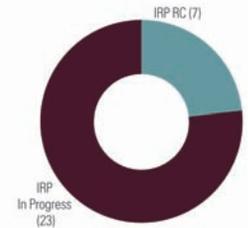
IRP

- Investigate possible alternative energy options in FY10.
- Begin pilot study for explosives contamination in Load Line 2 in FY10.
- Begin remedial investigation addendum for OU 3 in FY10.
- Complete removal action for underground storage tanks in FY10.
- Complete construction of Load Line 4 Treatment Plant in FY10.

MMRP

- Complete Ordnance and Explosive Recurring Review in FY10.

FFID:	CT117002202000	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Groton, Connecticut (547 acres)	Funding to Date:	\$ 67.7 million
Mission:	Maintain and repair submarines; conduct submarine training and submarine research; provide a home port for submarines	Est. CTC (Comp Year):	\$ 38.0 million (FY 2042)
HRS Score:	36.53; placed on NPL in August 1990	IRP Sites (Final RIP/RC):	30 (FY2022)
IAG Status:	FFA signed in January 1995	MMRP Sites (Final RIP/RC):	None
Contaminants:	Dredge spoils, incinerator ash, POLs, PCBs, spent acids, pesticides, solvents, construction debris, metals, VOCs, SVOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-50



Progress To Date

New London Naval Submarine Base maintains and repairs submarines. Contaminated sites at the installation include the Area A Landfill (Site 2), smaller disposal areas, underground storage tanks (USTs), and fuel and chemical storage areas. The potential risk to human health and the environment from polychlorinated biphenyl (PCB) contamination at Site 2 was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1995 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended New London Submarine Base for realignment. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY07.

To date, the installation has completed Records of Decision (RODs) that selected cleanup actions for Sites 2, 3, 6, 7, 8, 20, and an interim ROD for the base groundwater operable unit (OU). In addition, New London Naval Submarine Base signed no further action RODs, which determined that no further cleanup actions were necessary at Sites 4, 14, 15, 16 and 18. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) sites; no MMRP sites were identified. Cleanup progress at New London Naval Submarine Base for FY05 through FY08 is summarized below.

In FY05, New London Naval Submarine Base completed a design for cleanup for the base's groundwater OU and for the Site 7 Soil OU.

In FY06, the installation completed cleanup for the base's groundwater OU and Site 7 Soil OU. Additionally, New London Naval Submarine Base drafted a cleanup plan proposing no further action for the Defense Reutilization and Marketing Office (DRMO) site 6.

In FY07, New London Submarine Base completed the second five-year review report and ROD for the DRMO 6. The

installation completed an explanation of significant differences for Site 3 and completed fieldwork for the Thames River Study.

In FY08, New London Naval Submarine Base completed the Thames River Study and an engineering evaluation and cost analysis for a sediment removal action at Inner Pier 1. New London Naval Submarine Base completed the proposed plan (PP) and final ROD for the base's groundwater OU, and cleanup at Site 3 New Source Area. The installation submitted a draft feasibility study (FS) to evaluate cleanup alternatives for lower base sites, and achieved cleanup goals at Site 7. New London Naval Submarine Base started a draft remedial investigation (RI) and FS at Area A Wetlands.

FY09 IRP Progress

New London Naval Submarine Base began OU 9 groundwater land use controls (LUCs), which restrict use of and access to the site, and a cleanup completion report. The installation completed on-going long-term management at Sites 2, 3, 6, and 8. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory and technical issues delayed the completion of the FS, PP, and draft ROD for lower base sites and the RI/FS for Area A Wetlands. Regulatory and technical issues also delayed completion of sediment removal at Inner and Outer Pier 1.

The installation held a RAB meeting.

FY09 MMRP Progress

New London Naval Submarine Base has identified no MMRP sites.

Plan of Action

Plan of action items for New London Naval Submarine Base are grouped below according to program category.

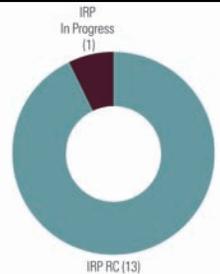
IRP

- Complete sediment removal at Inner and Outer Pier 1 in FY10.
- Complete RI/FS, PP, and ROD for Area A Wetlands in FY10.
- Complete OU 9 groundwater LUC design and cleanup completion report in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	OH557002465000	Funding to Date:	\$ 6.5 million
Location (Size):	Heath, Ohio (70 acres)	Est. CTC (Comp Year):	\$ 1.1 million (FY 2012)
Mission:	Provided depot-level maintenance for Air Force and DoD missile, navigation, and guidance systems.	IRP Sites (Final RIP/RC):	14 (FY2002)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, SVOCs, BCEE, TCE	IRP/MMRP Status Table:	Refer to page C-7-44
Media Affected:	Groundwater and Soil		



Progress To Date

Newark Air Force Base (AFB) has provided depot-level maintenance for missile guidance and the navigational systems used by most aircraft and missiles since 1992. Past waste management activities related to solvents, such as freon 113 and trichloroethylene (TCE), have affected groundwater at the installation. In 1993, the BRAC Commission recommended Newark AFB for closure. In FY94, the installation formed a BRAC cleanup team to determine a process for cleanup of sites at Newark AFB, and a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY05. To ensure continuous monitoring and improvement, Newark AFB completed a five-year review report in FY05.

Newark AFB has prepared decision documents, which determined that no further cleanup activities were necessary for five sites. The installation transferred 56 of the 70 acres comprising Newark AFB to the Heath-Newark-Licking County Port Authority, and 13 acres to the Licking County Regional Airport. In FY04, Newark AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Newark AFB from FY05 through FY08 is summarized below.

In FY05, Newark AFB completed a five-year review report. The installation conducted enhanced bioremediation at Federal Facility (FF) 87 at the two remaining wells (Monitoring Wells 87 1 and 87 1A). The installation awarded a performance-based contract for groundwater monitoring at FF 87. The BRAC cleanup team held one meeting, at which the installation presented proposed amendments to the post-closure plan for the detection monitoring program and bioremediation effectiveness monitoring program. The RAB formally adjourned in accordance with DoD policy because all environmental cleanup sites were closed, with the exception of FF 87.

In FY06, the installation continued cleanup operations by monitoring groundwater at FF 87 and submitted a proposal to amend the post-closure plan for this site. Newark AFB submitted an operating properly and successfully demonstration for FF 87 to EPA Region 5. The installation closed groundwater monitoring wells no longer in use at

previously transferred parcels. The BRAC cleanup team met twice and signed a consensus statement in which they agreed to stop groundwater monitoring at Landfill (LF) 002.

In FY07, the installation continued groundwater cleanup operations at FF 87, including the collection of two rounds of source area delineation samples, used to determine the potential for well water to come from the contaminated area. Sampling results indicated the source area was larger and more complex than originally estimated, changing the conceptual site model, which is a schematic diagram of the contaminated area. Ohio EPA provided conditional approval of post-closure plan amendments for FF 87. The installation finalized an updated map of land use controls (LUCs), which restrict use of or access to the site, and institutional controls, which are tools that minimize the potential for human exposure. The BRAC cleanup team met twice.

In FY08, Newark AFB planned and coordinated the final cleanup to reduce contaminant source at FF 87 by characterizing the source area and demolishing Buildings 90, 102, and 114. The installation continued cleanup operations by monitoring groundwater at FF 87. The installation also continued ongoing discussions with the BRAC cleanup team concerning the FF 87 work plan and the final excavation and soil disposal approach. The BRAC cleanup team met twice.

FY09 IRP Progress

Newark AFB completed the source area reduction cleanup at FF 87 and prepared the operating properly and successfully documents, which EPA approved. Newark AFB revised the FF 87 post-closure plan to accommodate the requirements related to monitoring groundwater after excavations, and resumed monitoring groundwater. The installation completed a five-year review report. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The BRAC cleanup team met three times.

FY09 MMRP Progress

Newark AFB has identified no MMRP sites.

Plan of Action

Plan of action items for Newark Air Force Base are grouped below according to program category.

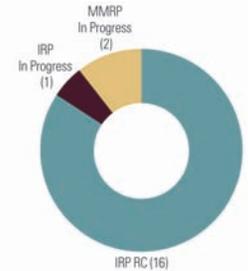
IRP

- Complete the second five-year review report in FY10.
- Continue cleanup operations through groundwater sampling at FF 87 in FY10-FY11.
- Transfer the final parcel to the Heath-Newark-Licking County Port Authority in FY10-FY11.
- Update the LUC management plan in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	IN521382227200	Funding to Date:	\$ 21.4 million
Location (Size):	Newport, Indiana (6,996 acres)	Est. CTC (Comp Year):	\$ 9.3 million (FY 2017)
Mission:	Store and eliminate VX stockpile and related materials, while protecting the workforce, public, and environment	IRP Sites (Final RIP/RC):	17 (FY2011)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	2 (FY2017)
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	Explosives, heavy metals, VOCs, SVOCs, breakdown products	IRP/MMRP Status Table:	Refer to page C-7-24
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Newport Chemical Depot (CD) stores and eliminates the VX nerve agent and other related materials. The Wabash River Ordnance Works (Site 001) originally manufactured the explosive RDX during World War II and the Korean conflict. In addition, Newport CD produced heavy water, which is used in nuclear reactors, in support of the Manhattan Project and Atomic Energy Commission. From 1961 to 1969, the facility produced chemical agent VX. The installation also buried building debris, including asbestos-contaminated and decontaminated debris from the chemical plant. From 1973 to 1974, Newport CD constructed a TNT production plant, and burned and buried TNT removed from the production lines. In FY02, the installation composted approximately 7,000 cubic yards of TNT- and DNT-contaminated soils, and in FY03 composted and backfilled about 6,700 cubic yards of RDX-contaminated soils. In May 2005, the BRAC Commission recommended closure of the Newport CD after completion of the chemical demilitarization mission, including neutralizing the VX agent. Newport CD formed a Restoration Advisory Board (RAB) in 2000 to discuss the installation’s cleanup progress with the community.

The installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP) in FY02; MMRP sites were identified. Cleanup progress at Newport CD for FY05 through FY08 is summarized below.

In FY05, Newport CD conducted long-term management (LTM) for groundwater at Sites 001, 022, 024, and 025. The installation completed a plan to implement land use controls, which restrict the use of and access to sites.

In FY06, Newport CD continued LTM for groundwater at Sites 001, 022, 024, and 025. The installation began a historical records review to identify potential munitions, including landmines, aerial rockets, secondary explosives, and toxic chemical agents/munitions. Newport CD hosted a RAB meeting.

In FY07, Newport CD continued LTM for groundwater at Sites 001, 022, 024, and 025, and completed the historical records review.

In FY08, Newport CD attempted to locate a buried tank at Site 022, but was unable to locate the tank; the Indiana Department of Environmental Management determined the installation’s actions were sufficient. Newport CD installed 10 groundwater monitoring wells at Site 016, and additional groundwater monitoring wells at Site 014. Newport CD continued monitoring and abandoned unused wells at Sites 001, 022, 024, and 025. The installation completed the neutralization of chemical agent VX.

FY09 IRP Progress

Newport CD continued to abandon unused monitoring wells. The installation completed the report summarizing the environmental condition of all transferable property. The installation also completed the site inspection (SI) for Site 016 and began fieldwork in support of BRAC 2005.

The RAB held one meeting.

FY09 MMRP Progress

Newport CD conducted no MMRP actions.

Plan of Action

Plan of action items for Newport Chemical Depot are grouped below according to program category.

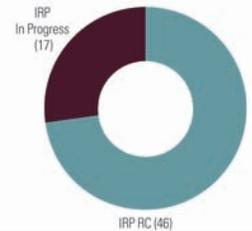
IRP

- Continue fieldwork at Site 016 in FY10.
- Conduct treatability study for the well injection project in FY10-FY11.
- Cleanup additional areas identified in the SI in FY10-FY11.
- Identify uncontaminated areas suitable to transfer in FY10-FY11.
- Investigate installation firing range in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA317002741400	Funding to Date:	\$ 105.5 million
Location (Size):	Norfolk, Virginia (4,631 acres)	Est. CTC (Comp Year):	\$ 25.5 million (FY 2040)
Mission:	Provide services and materials to support the aviation activities and operating forces of the Navy	IRP Sites (Final RIP/RC):	63 (FY2016)
HRS Score:	50.00; placed on NPL in April 1997	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in February 1999	Five-Year Review Status:	Completed and planned
Contaminants:	Petroleum products, PCBs, solvents, heavy metals, acids, paints, asbestos, pesticides, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-173
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Norfolk Naval Base provides services and materials to support the aviation activities and operating forces of the Navy. Contamination originates from maintenance of aircraft, equipment, and vehicles, and from operation of support facilities. Contaminated Site types at the installation include landfills, ordnance storage areas, waste disposal areas, fire training areas, fuel spill areas, and underground storage tanks. The potential risk to human health and the environment from the migration of contaminated surface water was significant enough for EPA to place the installation on the NPL in April 1997. DoD and EPA signed a federal facility agreement (FFA) in February 1999 to outline how they were going to proceed with cleanup. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY94. Norfolk Naval Base completed a community relations plan in FY93 which was updated in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Sites 1, 2, 3, 6, and 20 in FY03 and FY09.

To date, the installation has completed Records of Decision (RODs) selecting cleanup actions for solid waste management units (SWMUs) 12 and 16, and Sites 2, 6, 22, and 23. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. The cleanup progress at Norfolk Naval Base for FY05 through FY08 is summarized below.

In FY05, Norfolk Naval Base finalized a no further action proposed cleanup plan and ROD for SWMUs 12 and 16. The installation finalized a site inspection (SI) for Site 23 and completed Phase I of the remedial investigation (RI). The installation finalized a design for cleanup for Sites 2 and 22, and completed the final RI for SWMU 14.

In FY06, Norfolk Naval Base implemented a strategy to close the Site 3 Area of Concern (AOC) 2.

In FY07, Norfolk Naval Base completed an SI for Site 18. The installation also completed an interim cleanup completion report

for Site 22, and an engineering evaluation and cost analysis (EE/CA) at Site 23.

In FY08, Norfolk Naval Base completed removal actions at SWMU 14 and Site 18, and no sites required further construction of cleanup systems. The installation completed an EE/CA for an asphalt cover at SWMU 14 and a groundwater response at Site 18. Norfolk Naval Base also completed a ROD at Site 23, and designs for cleanup at Sites 1, 3, 6, and 20. The installation implemented initiatives to reduce elevated volatile organic compound (VOC) concentrations at Site 1.

FY09 IRP Progress

Norfolk Naval Base completed a second five-year review report. The installation also completed cleanup completion reports for SWMU 14 and Site 18.

FY09 MMRP Progress

Norfolk Naval Base has identified no MMRP sites.

Plan of Action

Plan of action items for Norfolk Naval Base are grouped below according to program category.

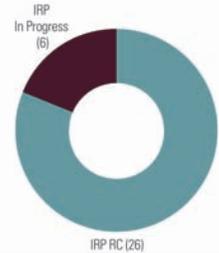
IRP

- Complete land use control RODs for SWMU 14 and Site 18 in FY10.
- Complete RODs for all remaining sites in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA317002481300	Contaminants:	Heavy metals, PCBs, VOCs, SVOCs, POLs, land solvents
Location (Size):	Portsmouth, Virginia (795 acres)	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Mission:	Provide logistical support for assigned ships and service craft; perform work in connection with conversion, overhaul, repair, alteration, dry-docking, and outfitting of naval vessels; perform manufacturing, research, development, and test work; provide services to other activities and units	Funding to Date:	\$ 39.4 million
HRS Score:	50.0; placed on NPL in July 1999	Est. CTC (Comp Year):	\$ 1.3 million (FY 2037)
IAG Status:	FFA signed in September 2004	IRP Sites (Final RIP/RC):	32 (FY2016)
		MMRP Sites (Final RIP/RC):	None
		Five-Year Review Status:	Planned
		IRP/MMRP Status Table:	Refer to page C-7-56



Progress To Date

Norfolk Naval Shipyard (NSY) is located on the western bank of the southern branch of the Elizabeth River. The installation provides logistical support, conversion, overhaul, repair, alteration, dry-docking, and outfitting of naval vessels. The installation also performs manufacturing, research, development, and test work. Site contamination resulted from past landfilling, disposal operations, and a plating shop. The potential risk to human health and the environment from surface water runoff into Paradise Creek was significant enough for EPA to place the installation on the NPL in July 1999. DoD and EPA signed a federal facility agreement (FFA) in September 2004 to outline how they were going to proceed with cleanup. An administrative record was established in FY92, and a community relations plan was completed in FY94; the community relations plan was updated in June 2003. Formed in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY96.

To date, RCRA facility investigations performed at the installation identified 31 solid waste management units (SWMUs). A supplemental RCRA facility investigation identified an additional 121 SWMUs and areas of concern (AOCs). An additional 47 AOCs were later identified, bringing the total number of potentially contaminated areas at Norfolk NSY to 218. During the development of the FFA, inconsistent numbering and naming of potentially contaminated areas in previous documentation resulted in the reduction of identified sites. Norfolk NSY has completed records of decision (RODs) for Sites 10 and 17, and Operable Unit (OU) 1, which selected cleanup actions for these sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Norfolk NSY for FY05 through FY08 is summarized below.

In FY05, the installation revised a feasibility study (FS) to evaluate cleanup alternatives for Site 17. The installation also completed a removal action at OU 1; removed approximately 30,000 tons of waste; and created or restored 1.46 acres of wetlands. The installation finalized the proposed plan (PP) for OU 1.

In FY06, Norfolk NSY completed the RODs for OU 1 and Site 17. The cleanup for the Site 17 ROD is to restrict residential development with land use controls (LUCs), which restrict use of and access to sites. No further action is required at the site because of the removal action completed at OU 1. The installation also completed the remedial investigation and FS for Site 10.

In FY07, Norfolk NSY completed the cleanup action for Site 10 by implementing LUCs. The installation completed the Phase I removal action at OU 2, removed approximately 36,000 tons of waste, and created or restored 3.5 acres of wetlands. Norfolk NSY completed the preliminary assessment for Site 15 (Past Pier-Side Industrial Operations). The installation performed a review of historical dredge records and waterfront capital improvement projects, and determined no further cleanup actions were required. The installation also acquired the last of three parcels to construct the cleanup system planned for OU 2 Phases II and III.

In FY08, Norfolk NSY drafted a focused FS for OU 2. The installation completed additional sampling and data collection, and began the development of a long-term management (LTM) plan for groundwater.

FY09 IRP Progress

Norfolk NSY finalized the FS and PP for soils. The installation also began mobilization and preliminary construction activities at OU 2.

Administrative issues delayed completion of groundwater studies and the subsequent LTM plan at OU 2. Regulatory issues delayed completion of the soils/sediments ROD for OU 2.

FY09 MMRP Progress

Norfolk NSY has identified no MMRP sites.

Plan of Action

Plan of action items for Norfolk Naval Shipyard are grouped below according to program category.

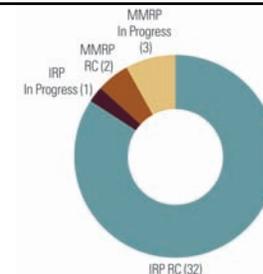
IRP

- Develop LTM plan and finalize FS and PP for groundwater at OU 2 in FY10.
- Complete soil cover construction activities at OU 2 in FY10.
- Finalize soils ROD for OU 2 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA957002434500	Funding to Date:	\$ 123.5 million
Location (Size):	San Bernardino, California (2,221 acres)	Est. CTC (Comp Year):	\$ 3.2 million (FY 2024)
Mission:	Supported C-141 airlift operations	IRP Sites (Final RIP/RC):	33 (FY2005)
HRS Score:	39.65; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	5 (FY2011)
IAG Status:	IAG signed in 1989	Five-Year Review Status:	Completed and planned
Contaminants:	Paints, refrigerants, heavy metals, spent solvents, TCE, VOCs, SVOCs, waste oils, fuel, PCBs	IRP/MMRP Status Table:	Refer to page C-7-8
Media Affected:	Groundwater and Soil		



Progress To Date

Norton Air Force Base (AFB) formerly supported C-141 airlift operations. Sites include underground storage tanks, landfills, fire training areas, spill areas, and waste disposal pits. The most significant sources of contamination at the base were a trichloroethylene (TCE)-contaminated groundwater area and contaminated soil areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1989 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended closure of Norton AFB. The base closed in March 1994. In FY94, Norton AFB formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) to communicate the installation's cleanup progress with the community. The RAB adjourned in FY98. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

Between FY94 and FY95, Norton AFB signed four Records of Decision (RODs), which selected cleanup actions at soil sites, for Central Base Area Operable Unit, and for all sites on the base. The installation transferred all base property in FY07. In FY04, the installation conducted an inventory of sites suspected to contain munitions for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Norton AFB for FY05 through FY08 is summarized below.

In FY05, Norton AFB finalized the ROD for the base and selected cleanup for 21 sites and 73 areas of concern. The installation completed its second five-year review report, and completed and submitted RCRA documentation and certification for the two remaining RCRA sites to regulators. Groundwater pump-and-treat systems and over 50 groundwater monitoring wells were taken out of service. Norton AFB put the last cleanup system in place. The installation submitted addendums to the industrial wastewater treatment plant clean closure certification report to regulators. The BRAC cleanup team met every two months. The RAB, although formally adjourned in FY98, held one public meeting.

In FY06, Norton AFB completed the report on cleanup completion for the groundwater pump-and-treat systems. The installation began the process of becoming delisted from the NPL and EPA completed the preliminary closeout report for the base. Norton AFB completed the MMRP requirement evaluations and either administratively closed or determined that no further cleanup action was necessary for all MMRP sites. The BRAC cleanup team continued to meet every two months.

In FY07, Norton AFB transferred all remaining property and submitted a request to terminate RCRA cleanup authority on non-permitted portions of the installation. The BRAC cleanup team held one meeting.

In FY08, Norton AFB submitted documentation to regulators to terminate RCRA cleanup on non-permitted sites.

FY09 IRP Progress

Norton AFB obtained funding to close one of two RCRA sites.

Regulatory issues delayed acquiring the RCRA post-closure permit for the industrial waste line. Regulatory and administrative issues delayed the termination of the RCRA corrective action authority on non-permitted sites and closure of the two RCRA sites.

FY09 MMRP Progress

Norton AFB closed three sites (Small Arms Ranges 400 and 401, and Ordnance Area 403). The installation submitted a draft document determining that no further cleanup action is necessary at Firing Range 402.

Plan of Action

Plan of action items for Norton Air Force Base are grouped below according to program category.

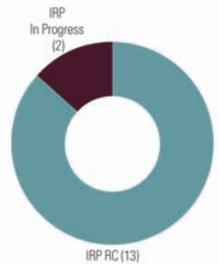
IRP

- Obtain regulatory approval for termination of RCRA corrective action authority on non-permitted sites in FY10.
- Complete closure of two RCRA Sites in FY10.
- Obtain RCRA post-closure permit for the industrial waste line in FY10.
- Complete five-year review report in FY10.

MMRP

- Close remaining two sites in FY10.

FFID:	CA921352066100	Funding to Date:	\$ 41.0 million
Location (Size):	Oakland, California (425 acres)	Est. CTC (Comp Year):	\$ 9.2 million (FY 2017)
Mission:	Served as host to Military Traffic Management Command, Western Area	IRP Sites (Final RIP/RC):	15 (FY2017)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Planned
Contaminants:	POLs, TCE, solvents, lead, PCBs, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-7-7
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Oakland Army Base formerly hosted Military Traffic Management Command, Western Area. Contaminated sites have included underground storage tanks; Berths 6 and 6 1/2, where oil and fuel products contaminated storm drain bedding materials; Building 991, where pesticides and oil contaminated soil and groundwater; the West Grand Avenue overpass roadsides, where lead contaminated soil; Building 807, where chlorinated solvents contaminated soil and groundwater; and Building 648, where polychlorinated biphenyls (PCBs) contaminated soil. The 1995 BRAC Commission recommended closure of Oakland Army Base. The installation closed as scheduled on September 30, 1999. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board to discuss the installation's cleanup progress with the community. In FY98, the installation completed an initial BRAC cleanup plan to prioritize sites requiring environmental restoration.

Oakland Army Base has signed one Record of Decision (ROD) and has transferred approximately 387 acres. Parcel 1 and Operable Unit (OU) 2 are the only remaining sites. In FY02, Oakland Army Base completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Oakland Army Base for FY05 through FY08 is summarized below.

In FY05, Oakland Army Base completed the Parcel 1 draft feasibility study (FS), which evaluated cleanup alternatives and remedial investigation. The installation began the design for cleanup and contracting actions. Regulators agreed to postpone cleanup at OU 2 until Oakland Army Base investigated and cleaned up the source area of contamination. The installation continued to oversee the local redevelopment authority cleanup.

In FY06, the Oakland Army Base completed the FS and awarded a contract for the design for cleanup at Parcel 1. The installation drafted a decision document (DD), which selected cleanup actions for Parcel 1. The OU 2 property owner began to fill the wetlands site for railroad expansion. Oakland Army Base continued oversight of local redevelopment authority

cleanup, and found the property to be an insignificant source of contamination.

In FY07, Oakland Army Base negotiated with regulators regarding the final cleanup actions for Parcel 1.

In FY08, Oakland Army Base completed cleanup at the local redevelopment authority property.

FY09 IRP Progress

Oakland Army Base continued negotiations with regulators regarding the final cleanup actions for Parcel 1.

Regulatory issues delayed implementing cleanup actions, completing the DD, and reviewing the FS at Parcel 1.

FY09 MMRP Progress

Oakland Army Base has identified no MMRP sites.

Plan of Action

Plan of action items for Oakland Army Base are grouped below according to program category.

IRP

- Implement cleanup actions, complete the DD, and review the FS for Parcel 1 in FY10.
- Complete the FS and ROD for OU 2 and marine sediments in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA09799F832600	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Kitsap County, Washington (350 acres)	Funding to Date:	\$ 12.4 million
Mission:	Provided harbor defense for Puget Sound; tested torpedoes and stored fuel during World War I; served as a fire training school for the Navy and housed an anti-aircraft artillery battery	Est. CTC (Comp Year):	\$ 3.2 million (FY 2004)
HRS Score:	50.00; placed on NPL in May 1994	IRP Sites (Final RIP/RC):	2 (FY2004)
IAG Status:	IAG signed in July 1997	MMRP Sites (Final RIP/RC):	None
Contaminants:	Asbestos, PCBs, heavy metals, petroleum hydrocarbons, dioxins, furans	Five-Year Review Status:	Completed
		IRP/MMRP Status Table:	Refer to page C-8-62



Progress To Date

The Navy owned the Old Navy Dump/Manchester Annex from 1919 to 1960. During that time the Navy established three areas (a net depot, a fire training area, and a landfill) at the property. Preliminary assessments and site inspections conducted at the property since FY87 identified past releases of hazardous substances from the three areas. Activities included maintenance, painting, sandblasting, and storage of steel cable net. The Navy disposed of domestic waste, wood, and metal waste originating from the Annex and the Puget Sound Naval Shipyard in a landfill. Contaminants have been detected in soil at the landfill, at the fire training area, and in surface water and sediment at the property. Contaminants of concern include heavy metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, dioxins, furans, and asbestos. Currently, the National Oceanic and Atmospheric Administration, the National Marine Fisheries Service, an EPA laboratory, and a portion of Manchester State Park occupy the property. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in May 1994. DoD and EPA signed an interagency agreement (IAG) in July 1997 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, USACE completed five-year review reports in FY04 and FY09.

To date, the U.S. Army Corps of Engineers (USACE) has completed one Record of Decision selecting cleanup actions for Old Navy Dump/Manchester Annex. In FY06, USACE conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at the Old Navy Dump/Manchester Annex for FY05 through FY08 is summarized below.

In FY05, USACE conducted actions required by the five-year review report. USACE also began a shellfish tissue and sediment study to determine the health of the shellfish population. The study suggested that cleanup actions are operating properly and contamination did not appear to be reducing the population.

In FY06, USACE continued to conduct the compliance monitoring of the shellfish population. USACE monitored the landfill for uncontrolled releases and found none. USACE also

conducted a survey to count clams and determined the clam population was not large enough for scientific sampling. USACE performed ongoing landfill cap maintenance, including mowing, gas vent sampling, and drainage system checks.

In FY07, USACE continued compliance monitoring of the shellfish population and long-term management (LTM) of the landfill cap. USACE also completed an archive search report to obtain more information about past munitions activity at Old Navy Dump/Manchester Annex.

In FY08, USACE continued compliance monitoring of the clam population and LTM of the landfill cap. The property drafted a revised inventory project report, that recommended approval of an MMRP project.

FY09 IRP Progress

USACE completed the second five-year review report, a shellfish survey, and sediment sampling. USACE also awarded a contract for inspection and maintenance of the landfill cap and shoreline protection system. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

FY09 MMRP Progress

USACE continued to compile the inventory project report for the MMRP project.

Plan of Action

Plan of action items for Old Navy Dump/Manchester Annex are grouped below according to program category.

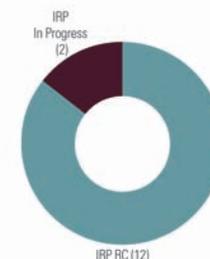
IRP

- Perform LTM of the landfill cap in FY10.
- Coordinate institutional controls plan with property owners in FY10.
- Complete addendum to second five-year review report in FY10.
- Complete an updated compliance monitoring report in FY10.
- Begin LTM or an operations, maintenance, and monitoring plan to replace the compliance monitoring plan in FY10.

MMRP

- Complete inventory project report and begin MMRP project in FY10-FY11.

FFID:	FL417002473600	Funding to Date:	\$ 39.5 million
Location (Size):	Orlando, Florida (2,050 acres)	Est. CTC (Comp Year):	\$ 12.3 million (FY 2028)
Mission:	Serve as naval training center; formerly used as Army Air Force and Air Force bases	IRP Sites (Final RIP/RC):	15 (FY2008)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	Asbestos, paints, POLs, photographic chemicals, solvents, low-level radioactive wastes, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-6-54
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

From 1941 to 1968, Orlando Naval Training Center (NTC) served as an Army air base and an Air Force base. In 1968, the installation became a naval training center. The installation has four areas: the main base, Area C, Herndon Annex, and McCoy Annex. Most of the operational and training facilities are located on the main base. Area C, west of the main base, contains warehouse and laundry operations. Herndon Annex contains warehouse and research facilities. McCoy Annex contains housing and community facilities. In July 1993, the BRAC Commission recommended closure of the installation and relocation of its activities. The installation closed on April 30, 1999. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community, and a BRAC cleanup team to develop a process for cleanup of sites. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY01.

The installation has identified 55 areas of concern and more than 300 tank systems requiring removal or assessment. The BRAC cleanup team completed a Record of Decision (ROD), selecting cleanup actions for 55 sites, and assessed and removed 55 tanks. To date, the installation has transferred 1,425 acres to the City of Orlando, and approximately 83 acres to the Federal Aviation Administration. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. The cleanup progress at Orlando NTC for FY05 through FY08 is summarized below.

In FY05, the installation continued operation and maintenance (O&M) and long-term management (LTM) at Operable Units (OUs) 1 through 4, and Study Areas (SAs) 17, 36, 39, and 52. The installation continued interim cleanup actions at OUs 2, 3, 4, and SAs 2, 36, and 39. Orlando NTC identified a new site at the main base (SA 36 Northwest [NW]) where petroleum contamination in groundwater (primarily benzene) migrated from the former main base auto service station (Building 109) and added the site to the LTM plan.

In FY06, Orlando NTC monitored and evaluated off-site contamination at OUs 2, 3, 4, and SAs 17 and 36 NW. The

installation continued to monitor interim cleanup actions and O&M/LTM at OUs 1 through 4, and SAs 17, 36, 36 NW, and 52.

In FY07, Orlando NTC continued monitoring interim cleanup actions and O&M/LTM at OUs 1 through 4, and SAs 17, 36, 36 NW, and 52. The installation also continued monitoring and evaluating off-site contamination at OUs 2, 3, and 4, and SAs 17 and 36 NW.

In FY08, Orlando NTC continued monitoring interim cleanup actions and O&M/LTM at OUs 1 through 4, and SAs 2, 17, 36, and 36 NW. The installation implemented all cleanups, and determined that no further cleanup actions were necessary for Site 52. Orlando NTC also transferred the remaining property at McCoy Annex (OU 2) and SA 17 to the Airport Authority. The installation continued monitoring and evaluation of off-site contamination at OUs 2, 3, 4, and SAs 2, 17, and 36 NW.

FY09 IRP Progress

Orlando NTC continued delineation of groundwater contamination from SA 36 NW, and LTM at OUs 1 through 4, and SAs 2 and 17. The installation also continued developing RODs for OUs 2, 3, and 4, and interim cleanup actions at OU 4.

FY09 MMRP Progress

Orlando NTC has identified no MMRP sites.

Plan of Action

Plan of action items for Orlando Naval Training Center are grouped below according to program category.

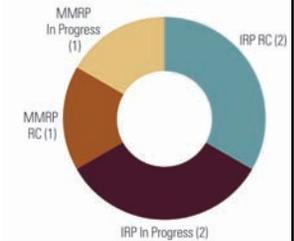
IRP

- Complete delineation of groundwater contamination at SA 36 NW and continue LTM at OUs 1 through 4, and SAs 2 and 17 in FY10-FY11.
- Develop uniform federal policy quality assurance proposed plan for all sites in FY10-FY11.
- Complete ROD for OUs 2, 3, and 4 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	TX69799F676300, TX69799F655100	Est. CTC (Comp Year):	\$ 9.1 million (FY 2043)
Location (Size):	Pantex Village, Texas (16,000 acres)	IRP Sites (Final RIP/RC):	4 (FY2015)
Mission:	Produce and store military weapons	MMRP Sites (Final RIP/RC):	2 (FY2043)
HRS Score:	51.22; placed on NPL in May 1994	Five-Year Review Status:	This installation is not required to complete a five-year review report.
IAG Status:	None	IRP/MMRP Status Table:	Refer to pages C-7-54 and C-8-57
Contaminants:	VOCs, SVOCs, heavy metals, UXO, explosives		
Media Affected:	Groundwater, Sediment, Soil		
Funding to Date:	\$ 12.6 million		



Progress To Date

The former Pantex Ordnance Plant began operations in 1942 as an Army Ordnance Corps facility. DoD declared the property excess in 1947. The property is now owned by the Department of Energy (DOE) and Texas Tech University. Operations conducted on the active DOE site include the fabrication, assembly, testing, and disassembly of nuclear ammunition and weapons. Sources of contamination included burning chemical waste in unlined pits, burying waste in unlined landfills, and the discharge of plant wastewater into surface water. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in May 1994. DOE is solely responsible for investigating sites on their property. The U.S. Army Corps of Engineers (USACE) established an electronic administrative record for the Texas Tech University FUDS property in FY03. In FY06, USACE completed a public involvement plan to address concerns over contamination with the community for Pantex Ordnance Plant.

In FY06, USACE completed an investigation of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress for Pantex Ordnance Plant for FY05 through FY08 is summarized below.

In FY05, USACE submitted a remedial investigation (RI) report to regulators for investigations at nine areas of concern (AOCs) and performed additional site inspections to fill data gaps identified during the RI for Pantex Ordnance Plant. USACE held potentially responsible party (PRP) discussions, groups that share responsibility for cleanup at this property, including the Texas Commission on Environmental Quality, Texas Tech University, and DOE. USACE received an updated right-of-entry from Texas Tech University for a two-year permit.

In FY06, USACE conducted additional sampling and sent an addendum to the RI, which filled data gaps, and sent it to the state regulators. USACE also completed the public involvement plan. USACE revised the work plan for the MMRP. USACE also developed the draft MMRP RI report, and provided additional requested information to the lead regulatory agency. USACE developed an RI fact sheet and placed an administrative record in the Amarillo College and Carson County Public Libraries for the Pantex Ordnance Plant.

In FY07, USACE finalized the draft RI addendum report, which addressed regulatory concerns at Pantex Ordnance Plant. USACE revised the draft RI report and submitted a final draft RI report to regulators.

In FY08, USACE began discussions with state regulators and developed a path forward to address overlapping investigation activities. USACE completed the RI of MMRP sites at Pantex Ordnance Plant and submitted the associated draft report for review.

FY09 IRP Progress

USACE completed soil sampling at three AOCs at Pantex Ordnance Plant. USACE continued further supplemental investigations at AOC Zones 2 and 9, Carbon Black Pits, and for the groundwater at Pantex Ordnance Plant. USACE also presented a plan for cleanup at Pantex Ordnance Plant. Additionally, USACE continued supplemental RI and feasibility study (FS) activities to evaluate cleanup alternatives.

Administrative issues delayed the removal of contaminated soil at three AOCs.

FY09 MMRP Progress

USACE completed RI fieldwork and continued to revise the MMRP RI report. The FS was not required, as associated MMRP issues are addressed by USACE under the existing environmental restoration and PRP projects. USACE completed supplemental field activities.

Administrative issues delayed the completion of the RI report.

Plan of Action

Plan of action items for Pantex Plant are grouped below according to program category.

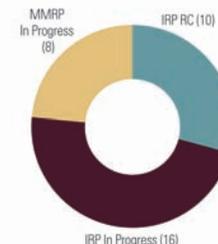
IRP

- Continue supplemental RI/FS activities in FY10.
- Complete contaminated soil removal at three AOCs in FY10.

MMRP

- Finalize RI report in FY11.

FFID:	SC417302276300	Funding to Date:	\$ 25.0 million
Location (Size):	Parris Island, South Carolina (8,043 acres)	Est. CTC (Comp Year):	\$ 14.2 million (FY 2040)
Mission:	Receive, recruit, and combat-train enlisted personnel upon their enlistment in the Marine Corps	IRP Sites (Final RIP/RC):	26 (FY2013)
HRS Score:	50.00; placed on NPL in December 1994	MMRP Sites (Final RIP/RC):	8 (FY2017)
IAG Status:	FFA signed in 2005	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, paints, POLs, solvents, industrial wastes, metals, acids, electrolytes, ordnance compounds, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-150
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Parris Island Marine Corps Recruit Depot (MCRD Parris Island) receives, recruits, and combat-trains personnel upon their enlistment in the Marine Corps. Contaminated Sites at the installation include landfills or spill areas where groundwater and sediment are contaminated with solvents and petroleum/oil/lubricants (POLs). The potential risk to human health and the environment from contamination at two landfill sites was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in 2005 to discuss how they were going to proceed with cleanup. The installation began to compile an administrative record in FY96 and completed a community relations plan in FY98. There has been no community interest to form a Restoration Advisory Board to discuss the installation’s cleanup progress. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, the installation has signed an interim Record of Decision (ROD) for the Site 1 corrective action plan (CAP), and Sites 2, 3, and 12, which selected cleanup actions for these sites. In FY02, Parris Island conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites have been identified. The cleanup progress at MCRD Parris Island for FY05 through FY08 is summarized below.

In FY05, MCRD Parris Island issued a proposed plan and draft ROD for Site 12. The installation awarded a fixed-price environmental multi-award contract for Site 12 and issued a draft cleanup work plan. The installation also completed a long-term management (LTM) work plan for Site 1 and continued monitoring at Sites 1, 3, and 45. MCRD Parris Island implemented a CAP for the Depot gas station and completed sampling. MCRD Parris Island received determined that no further cleanup action was necessary for Building 850. The installation signed the FFA, and completed a five-year review report.

In FY06, MCRD Parris Island signed RODs for Sites 1 CAP and 2. Additionally, the installation completed a removal action and signed a ROD for Site 12. The installation also completed the RCRA facility investigation addendum while continuing a

treatability study (TS) and feasibility study (FS) to evaluate cleanup alternatives at Site 45. MCRD Parris Island continued monitoring at Sites 1 and 3, the Depot gas station, and the aviation gasoline (AVGAS) pipeline.

In FY07, MCRD Parris Island submitted the completion report for the Site 12 removal action, submitted designs for land use control for Sites 1 and 12, which restricted use of and access to those sites, and continued LTM at Sites 1 and 3. The installation submitted a remedial investigation (RI) work plan for Site 27. MCRD Parris Island continued fieldwork in support of Site 45, and awarded a contract to complete site inspections (SIs) for all eight MMRP sites.

In FY08, MCRD Parris Island continued LTM at Sites 1 and 3, the Depot Gas Station, and the AVGAS pipeline. MCRD Parris Island also drafted an SI workplan for the eight MMRP sites.

FY09 IRP Progress

MCRD Parris Island completed an FS for Site 45; however, regulatory issues delayed its submission. Regulatory issues also delayed completion of a TS for Site 45, and LTM at Sites 1, 3, 12, and the AVGAS pipeline. Regulatory issues delayed the completion of an RI report for Site 27, and the submission of a ROD for Site 3.

FY09 MMRP Progress

Parris Island completed SI work plans for eight sites.

Regulatory issues delayed completion of SIs for eight sites.

Plan of Action

Plan of action items for Parris Island Marine Corps Recruit Depot are grouped below according to program category.

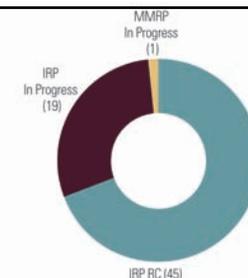
IRP

- Submit RI report for Site 27 in FY10-FY11.
- Complete RI addendum and TS for Site 45 in FY10-FY11.
- Continue LTM at Sites 1, 3, 12, and the AVGAS pipeline in FY10-FY11.
- Complete SI for Site 14 in FY10-FY11.
- Submit ROD for Site 3 in FY10-FY11.

MMRP

- Complete SIs for eight sites in FY10.

FFID:	MD317002453600	Funding to Date:	\$ 62.0 million
Location (Size):	Lexington Park, Maryland (6,800 acres)	Est. CTC (Comp Year):	\$ 31.3 million (FY 2021)
Mission:	Test and evaluate naval aircraft systems	IRP Sites (Final RIP/RC):	64 (FY2018)
HRS Score:	36.87; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	1 (FY2020)
IAG Status:	FFA signed in December 2000	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, pesticides, organics, POLs, solvents, UXO, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-97
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Patuxent River Naval Air Station (NAS) tests and evaluates naval aircraft systems. Three environmental restoration sites at the installation require the most cleanup: a Fishing Point Landfill site (Site 1), the former sanitary landfill (Site 11), and the pest control shop (Site 17). Wastes managed at these sites included mixed solid wastes, petroleum/oil/lubricants (POLs), paints, thinners, solvents, pesticides, and photographic laboratory wastes. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In 2005, the BRAC Commission recommended Patuxent River NAS for realignment. The installation formed a technical review committee in FY90 and completed a community relations plan in FY91, which is updated every three years. Patuxent NAS established a Restoration Advisory Board in FY94 that meets quarterly to discuss the installation’s cleanup progress with the community. The installation regularly updates an administrative record and two information repositories. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01, FY04, and FY09.

To date, the installation has completed Record of Decision (ROD) documents for Sites 1, 11, and 12, which selected cleanup actions for these sites. In addition, a ROD amendment was completed for Site 17. Patuxent River NAS determined that no further cleanup actions were necessary for Sites 4/5, 6, 24, and 29, and completed a proposed cleanup plan ROD for Site 39. The installation closed Site 6A (6 Operable Unit [OU] 1) in FY04. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site has been identified. Cleanup progress at Patuxent River NAS for FY05 through FY08 is summarized below.

In FY05, Patuxent River NAS completed the feasibility study (FS) to evaluate cleanup alternatives, the proposed cleanup plan, and a ROD for Sites 1/12 OU 2 and the Rifle Range Landfill. The installation completed two of four remedial investigation (RI) and FS documents.

In FY06, Patuxent River NAS completed the RI/FS, proposed cleanup plan, and ROD for Site 17 OU 2. The installation

determined that no further cleanup actions were necessary at five sites.

In FY07, Patuxent River NAS determined that no further cleanup actions were necessary for Sites 24 and 29. The installation also completed a proposed cleanup plan and ROD for Site 39 and an interim cleanup action for Site 31. Patuxent River NAS began the Site 1/12 OU 2 cleanup, and also began the Site 17 OU 2 cleanup.

In FY08, Patuxent River NAS determined that no further cleanup actions were necessary for Site 6 OU 2 and Site 4/5 OU 6, and an action ROD for Site 11 OU 2. The installation completed a cleanup action for Site 1/12 OU 2, and four RI/FS documents. Patuxent River NAS started a cleanup for Site 17 OU 2 and a design for cleanup for Site 39. Under the MMRP, Patuxent River NAS established Unexploded Ordnance (UXO) 0001 in its inventory.

FY09 IRP Progress

Patuxent River NAS completed a ROD for Sites 4/5 (OUs 2, 3, 4) and cleanup at Sites 17 (OU 2) and 39. Patuxent NAS also completed three site inspection reports, and a five-year review report for the base. The installation began RIs at Sites 9, 28, 34, and 44. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed completion of RODs at Sites 3 and 34.

FY09 MMRP Progress

Patuxent NAS continued the site inspections (SIs).

Plan of Action

Plan of action items for Patuxent River Naval Air Station are grouped below according to program category.

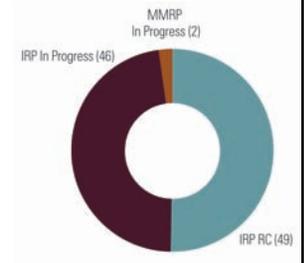
IRP

- Complete RODs for Sites 3 and 34 in FY10.
- Complete cleanup at Sites 4/5 (OUs 1 and 5) in FY10-FY11.
- Start RI at Site 31 in FY10-FY11.
- Complete RIs at Sites 3, 9, 28, 34, and 44 in FY10-FY11.

MMRP

- Complete SI reports in FY10.

FFID:	HI917002434200, HI917002477900, HI917002434100, HI917002434000, HI917002433900, and HI917002433400	Funding to Date:	\$ 193.0 million
Location (Size):	Pearl Harbor, Hawaii (2,162 acres)	Est. CTC (Comp Year):	\$ 171.9 million (FY 2035)
Mission:	Provide primary fleet support in the Pearl Harbor area	IRP Sites (Final RIP/RC):	95 (FY2018)
HRS Score:	70.82; placed on NPL in October 1992	MMRP Sites (Final RIP/RC):	2 (FY2017)
IAG Status:	FFA signed in March 1994	Five-Year Review Status:	Planned
Contaminants:	VOCs, SVOCs, heavy metals, PCBs, pesticides, petroleum, hydrocarbons, solvents, explosives, propellants	IRP/MMRP Status Table:	Refer to pages C-6-71, C-6-72, C-7-21, and C-8-17
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The Pearl Harbor Naval Complex consists of seven installations: the Fleet and Industrial Supply Center (FISC), the Naval Station (NS), the Naval Magazine (NAVMAG), the Naval Shipyard (NSY) and Intermediate Maintenance Facility, the Public Works Center (PWC), the Naval Submarine Base, and the Inactive Ship Maintenance Facility. Fuel supply activities, landfills, and other support operations have contaminated the soil and groundwater with volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), and metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in March 1994 to outline how they were going to proceed with cleanup. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. The installation established three information repositories in FY90 and an administrative record in FY92. Pearl Harbor Naval Complex also completed a community involvement plan in FY92, which was updated in FY95 and FY05.

The installation has completed one Record of Decision (ROD) selection cleanup actions for FISC Site 33 and NAVMAG Site 9. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. The cleanup progress at Pearl Harbor Naval Complex for FY05 through FY08 is summarized below.

In FY05, Pearl Harbor Naval Complex began the site evaluation for FISC 26. The installation began site inspection (SI) fieldwork for NSY 49, a SI for Solid Waste Management Unit (SWMU) 84, and SI fieldwork for NSY 49. Pearl Harbor Naval Complex also completed the cleanup verification report for NS 51, and 53 through 57.

In FY06, Pearl Harbor Naval Complex completed site evaluations for NS SWMU 6 and PWC 2. The installation also completed a ROD for FISC 33 and NAVMAG 9, proposed plans for NSY 41, and NAVMAG 9, a final SI for NSY SWMU 44, and removal actions at NS 35 and FISC 26. The installation began a feasibility study (FS) to evaluate cleanup alternatives for FISC

39, site characterization at PWC 47, and a removal action for FISC 44. Pearl Harbor Naval Complex continued operation of cleanup systems at NS 25, 29, 36, 37, 45, and 46. Under the MMRP, the installation began a preliminary assessment (PA) for NAVMAG Unexploded Ordnance (UXO) site 7.

In FY07, Pearl Harbor Naval Complex completed a removal action at NS SWMU 6 and an FS for FISC 39. The installation continued remedial action (RI) efforts at PWC 2 and FISC 44. Under the MMRP, Pearl Harbor Naval Complex completed the PA for NAVMAG UXO 7.

In FY08, Pearl Harbor Naval Complex continued RI/FSs for PWC SWMU 13, NS 31, FISC 45, and PWC 47. Under the MMRP, Pearl Harbor Naval Complex began an SI for NAVMAG UXO 7.

FY09 IRP Progress

Pearl Harbor Naval Complex completed RI fieldwork for NS 19; prepared a draft final RI work plan for FISC 44; and continued RI efforts at PWC SWMU 13, NS 31, FISC 45, and PWC 47. Pearl Harbor Naval Complex also completed an SI work plan and began fieldwork at FISC 46. The installation completed a draft ROD for NS SWMU 6 and FISC 39, and received concurrence on no further cleanup actions for NSY SWMU 44. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the completion of a draft RI addendum for NS 19. Regulatory issues delayed the completion of a final ROD for PWC 2.

FY09 MMRP Progress

Pearl Harbor Naval Complex completed SI fieldwork and prepared a draft SI report for NAVMAG UXO 7.

Plan of Action

Plan of action items for Pearl Harbor Naval Complex are grouped below according to program category.

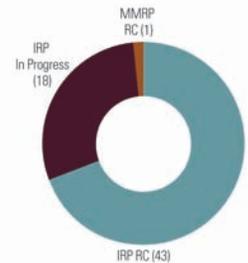
IRP

- Complete draft RI addendum for NS 19 in FY10.
- Complete ROD for PWC 2 in FY10.
- Complete ROD for NS SWMU 6 and FISC 39 in FY10-FY11.
- Complete SI field work and prepare SI report for NSY SWMU 84 in FY10-FY11.
- Complete the RI and start the FS for PWC SWMU 1, and Site 3 in FY10-FY11.
- Complete groundwater sampling for vanadium at NSY 42, and submit the RI/FS in FY10-FY11.
- Assume environmental restoration responsibilities from Hickam Air Force Base in FY11.

MMRP

- Finalize SI report for NAVMAG UXO 7 in FY10.

FFID:	NH157002484700	Funding to Date:	\$ 166.6 million
Location (Size):	Portsmouth/Newington, New Hampshire (4,255 acres)	Est. CTC (Comp Year):	\$ 17.0 million (FY 2048)
Mission:	Served as Strategic Air Command bomber and tanker base	IRP Sites (Final RIP/RC):	61 (FY2010)
HRS Score:	39.42; placed on NPL in February 1990	MMRP Sites (Final RIP/RC):	1 (FY1996)
IAG Status:	FFA signed in April 1991; modified in December 1992	Five-Year Review Status:	Underway and planned
Contaminants:	VOCs, spent fuels, waste oils, POLs, pesticides, paints, TCE, SVOCs, metals, PCBs	IRP/MMRP Status Table:	Refer to page C-6-115
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Pease Air Force Base (AFB) served as a Strategic Air Command bomber and tanker base. Studies identified the following site types: fire training areas, burn pits, industrial facilities, landfills, and underground storage tanks. Petroleum products (JP-4 jet fuel) and industrial solvents, such as trichloroethylene (TCE), have contaminated the groundwater and soil. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991, which was last amended in 1992, to outline how they were going to proceed with cleanup. The 1988 BRAC Commission recommended closure of Pease AFB. In March 1991, the installation closed. The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup of sites at Pease AFB. The installation formed a Restoration Advisory Board (RAB) in FY95 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Cleanup sites at Pease AFB are grouped into 13 operable units (OUs). Before closure, the installation completed interim cleanup actions at four sites, soil removal at three sites, and test pit operations at two sites. To date, Pease AFB has signed 10 Records of Decision, selecting cleanup actions at OUs 1 through 6 and 8 through 11. In FY04, Pease AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Pease AFB for FY05 through FY08 is summarized below.

In FY05, Pease AFB completed the cleanup plan for Plume 13/14, a contaminated area located in the flightline area. The installation conducted ongoing operations and maintenance (O&M) of cleanup systems, and improvements. In addition, the installation demonstrated that Zones 3 and 49 were operating properly and successfully. Pease AFB transferred all remaining property to the Pease Development Authority. The RAB and BRAC cleanup team performed community activities.

In FY06, Pease AFB continued O&M and improvement efforts for all sites. The installation awarded a contract for cleanup at

Plume 13/14. Pease AFB evaluated requirements at MMRP sites.

In FY07, Pease AFB continued O&M and improvement efforts for the remaining cleanup systems. The installation continued monitoring compliance with institutional controls (ICs), which are tools that minimize the potential for human exposure, with no violations identified.

In FY08, Pease AFB installed a soil vapor extraction (SVE) and air sparging system to reduce the concentration of certain parts of petroleum at Plume 13, and began operations. Pease AFB also installed sparge wells, which channel contaminants for extraction, to improve performance at Site 8 and continued to operate, monitor, and improve the remaining cleanup systems. The installation continued to monitor IC compliance in coordination with the local redevelopment authority and other landowners. Pease AFB completed all required MMRP closure actions.

FY09 IRP Progress

Pease AFB completed its third five-year review report and obtained approval for the next report. The installation began installing the system to treat fuel contamination at Pumphouse 2. The installation completed improving the Site 8 SVE system and began operating a new air sparge system. Pease AFB continued O&M across the installation.

FY09 MMRP Progress

Pease AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Pease Air Force Base are grouped below according to program category.

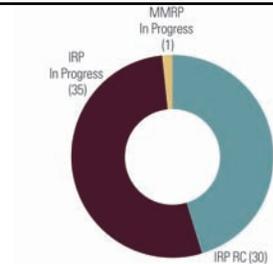
IRP

- Complete construction treatment system at Pumphouse 2 and begin operations in FY10.
- Complete investigation of Plume 13/14 conditions and develop a plan to restart site treatment in FY10.
- Maintain ongoing O&M in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	FL417002461000	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Pensacola, Florida (5,874 acres)	Funding to Date:	\$ 81.1 million
Mission:	Serve as a flight training center	Est. CTC (Comp Year):	\$ 47.4 million (FY 2042)
HRS Score:	42.40; placed on NPL in December 1989	IRP Sites (Final RIP/RC):	65 (FY2017)
IAG Status:	FFA signed in October 1990	MMRP Sites (Final RIP/RC):	1 (FY2019)
Contaminants:	Ammonia, asbestos, benzene, cyanide, heavy metals, paints, PCBs, pesticides, phenols, chlorinated and nonchlorinated solvents, plating wastes, VOCs, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-54



Progress To Date

Pensacola Naval Air Station (NAS), which now serves as a flight training center, was formerly a naval air rework facility and an aviation depot. Operations that have caused contamination at the station include a foundry, machine shops, coating and paint shops, paint stripping and plating shops, various maintenance and support facilities, landfills, and storage facilities. Investigations have identified 38 CERCLA sites, 1 solid waste management unit (SWMU), and 14 underground storage tank (UST) sites. Site types include landfills, disposal sites, polychlorinated biphenyls (PCBs) transformer and spill areas, industrial wastewater treatment plant areas, and evaporation ponds. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Pensacola NAS for realignment. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY94. The installation completed the first five-year review report in FY03. To ensure continuous monitoring and improvement, the installation completed a second five-year review report for Operable Units (OUs) 1, 4, 11, and 13 in FY08.

To date, 12 Records of Decision (RODs) have been signed by the installation, which selected cleanup actions for 22 environmental restoration sites; 7 of these RODs required no further cleanup action for 11 environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. The cleanup progress at Pensacola NAS for FY05 through FY08 is summarized below.

In FY05, Pensacola NAS completed the no further action ROD for OU 15 (Site 40), which determined that no further cleanup activities were necessary at the site. The installation completed a remedial investigation (RI) at Sites 44, 45, and 46. The installation also completed groundwater monitoring at SWMU 1 and cleanup at UST 15 and 21.

In FY06, Pensacola NAS completed the no further action ROD for OU 3 (Site 2). The installation also continued groundwater monitoring at SWMU 1, OUs 1 (Site 1) and OU 4 (Site 15).

In FY07, Pensacola NAS awarded a contract to complete cleanup fieldwork for UST 20. The installation completed the ROD with land use controls (LUCs), which restrict use of and access to the site, for Sites 8, 24 (OU 13), and 38 (OU 11). The installation also continued groundwater monitoring at Site 1 (OU 1), Site 15 (OU 4), and Sites 8 and 24 (OU 13), and determined that no further cleanup actions were necessary for UST 19.

In FY08, Pensacola NAS completed the ROD with LUCs for OU 2 (Sites 11, 12, 25, 26, 27, and 30); the second five-year review report for OUs 1, 4, 11, and 13; a feasibility study (FS) to evaluate cleanup alternatives for Site 43 (OU 18); and an RI for Site 41 (OU 16). The installation also continued groundwater monitoring at Sites 1 (OU 1), 8, 15 (OU 4), 24 (OU 13), and SWMU 1. Pensacola NAS installed the air sparging to cleanup groundwater with a contaminant-free air injection into the soil, and a soil vapor extraction treatment system at Site 1159.

FY09 IRP Progress

Pensacola NAS continued groundwater monitoring at SWMU 1, Sites 1, 8, 15, 13, and UST 17. The installation also completed a proposed plan (PP) for OU 18 (Site 43), and an FS for OUs 16 (Site 41), 19 (Site 44), 20 (Site 45), and 21 (Site 46). Pensacola NAS completed RODs for OUs 16 (Site 41), 19 (Site 44), and a draft ROD for OU 18 (Site 43).

FY09 MMRP Progress

Pensacola NAS completed preliminary assessments for the site.

Plan of Action

Plan of action items for Pensacola Naval Air Station are grouped below according to program category.

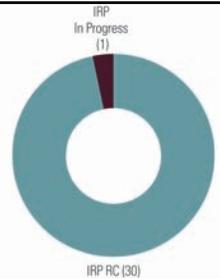
IRP

- Continue groundwater monitoring at SWMU 1, Sites 1, 8, 15, and 24, and UST Site 17 in FY10.
- Complete the FS and PP for OU 16 (site 41), 19 (Site 44), 20 (Site 45), and 21 (Site 46) in FY10.
- Complete RODs for OU 18 (Site 43), 20 (Site 45), and 21 (Site 46) in FY10.
- Complete radium cleanup at Sites 2, 12, and 25 in FY10-FY11.

MMRP

- Complete site investigations in FY10.

FFID:	PA317002775600, PA317002219800, and PA317002241800	Funding to Date:	\$ 22.7 million
Location (Size):	Philadelphia, Pennsylvania (1,494 acres)	Est. CTC (Comp Year):	\$ 1.2 million (FY 2040)
Mission:	Provide logistical support for ships and service craft; overhaul, repair, and outfit ships and craft; conduct research and development; test and evaluate shipboard systems	IRP Sites (Final RIP/RC):	31 (FY2009)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	POLs, heavy metals, PCBs, solvents, VOCs, SVOCs	IRP/MMRP Status Table:	Refer to page C-7-46 and C-8-51
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

Philadelphia Naval Complex is comprised of Philadelphia Naval Shipyard (NSY), Naval Station (NS), and Naval Hospital (NH). Site types at the complex include landfills, oil spill areas, and disposal areas where petroleum/oil/lubricants (POLs) and heavy metals were released into groundwater and soil. In December 1988, the BRAC Commission recommended closure of the Philadelphia NH, and in July 1991, recommended closure of the Philadelphia NS and the Philadelphia NSY. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY89. The installation formed a BRAC cleanup team to develop a process for cleanup of sites. The team prepared a BRAC cleanup plan in FY94 to prioritize sites requiring environmental restoration. The BRAC cleanup plan was revised in FY97. In FY95, Philadelphia Naval Complex established an information repository and developed a community relations plan. In FY01, the installation obtained a technical assistance for public participation grant to provide the RAB with input during the property transfer process. Upon completion of all property transfer, the RAB shifted its focus to the Naval Surface Warfare Center Ship System Engineering Station. To ensure continuous monitoring and improvement, the installation completed a five-year review reports in FY04 and FY09.

To date, the installation has signed eight Records of Decision, which selected cleanup actions at environmental restoration sites. The installation also has transferred 1,218 acres of property. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Philadelphia Naval Complex for FY06 through FY08 is summarized below.

In FY06, Philadelphia Naval Complex discovered new contamination at Site 4.

In FY07, Philadelphia Naval Complex began discussions with regulators to discontinue long-term management (LTM) at Sites 4 and 5. The installation began maintenance inspections to determine necessary repairs to landfills at Sites 4 and 5, and also began discussions with regulators to address new contamination at Site 4.

In FY08, Philadelphia Naval Complex determined that the new contamination discovered at Site 4 did not require cleanup. The installation completed inspections and maintenance repair at Sites 4 and 5. The installation also finalized LTM discontinuation agreements with regulators for Sites 4 and 5; all monitoring wells were properly closed, requiring no further action at Site 5.

FY09 IRP Progress

Philadelphia Naval Complex continued landfill operation and maintenance at Site 4. The installation also completed a second five-year review report. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Philadelphia Naval Complex has identified no MMRP sites.

Plan of Action

Plan of action items for Philadelphia Naval Complex are grouped below according to program category.

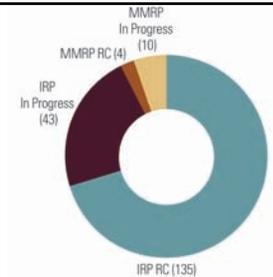
IRP

- Continue landfill operation and maintenance at Site 4 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	NJ221382070400	Funding to Date:	\$ 124.9 million
Location (Size):	Rockaway Township, New Jersey (6,500 acres)	Est. CTC (Comp Year):	\$ 96.1 million (FY 2061)
Mission:	Serve as host to the Army Armaments Research, Development, and Engineering Center	IRP Sites (Final RIP/RC):	178 (FY2012)
HRS Score:	42.92; placed on NPL in February 1990	MMRP Sites (Final RIP/RC):	14 (FY2016)
IAG Status:	IAG signed in April 1991	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, explosives, PCBs, heavy metals, SVOCs, propellants, radioactive materials	IRP/MMRP Status Table:	Refer to page C-6-116
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

In 1880, Dover Powder Depot, now known as Picatinny Arsenal, was established to store gunpowder. Until the 1970s, the installation manufactured explosives, propellants, and ammunition. It now houses the Joint Munitions and Lethality Life Cycle Management Command. Contaminated sites include a burning ground, landfills, underground storage tanks, former production areas, and former testing sites. Identified contaminants include volatile organic compounds (VOCs), explosives, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed an interagency agreement (IAG) in April 1991 to outline how they were going to proceed with cleanup. In FY96, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). In FY98, FY05, FY08, and FY09, the installation received technical assistance for public participation funding. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

To date, the installation has signed 13 Records of Decision (RODs), selecting cleanup actions for 29 sites. In FY03, Picatinny Arsenal completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Picatinny Arsenal for FY05 through FY08 is summarized below.

In FY05, Picatinny Arsenal completed three RODs for the Post Farm Landfill, Green Pond Brook, and Site 34 of the Burning Grounds. The installation also completed 6 remedial investigation (RI) reports, which addressed over 70 sites. The installation submitted feasibility studies (FSs) to evaluate cleanup alternatives for 25 sites and the former Defense Reutilization and Marketing Office (DRMO) Yard. Picatinny Arsenal received a technical assistance for public participation funding.

In FY06, Picatinny Arsenal awarded a performance-based contract for most of the Installation Restoration Program (IRP) sites. The installation also submitted FSs for Building 31/33 and the Midvalley Area. Picatinny Arsenal began monitored cleanup

using natural processes and long-term monitoring at Area D Groundwater, the Green Pond Brook, and the Post Farm. Picatinny Arsenal also submitted an assessment of potential risks to the environment and completed a five-year review report.

In FY07, Picatinny Arsenal determined eight sites required no further construction of cleanup systems. The installation installed the permeable reactive barrier at Area D Groundwater, and implemented land use controls, which restricted the use of or access to 13 sites in Area 20 and Site 180. The installation completed the ROD for Area E Groundwater and the Post Farm, and submitted the closure report. Under the MMRP, the installation completed the removal action of unexploded ordnance (UXO) on 28 acres of mining property and awarded a contract to conduct a removal action on 55 acres of leased property. The RAB held a meeting and published a quarterly newsletter.

In FY08, Picatinny Arsenal completed cleanup actions at Area B, and completed the excavation and disposal of the contaminated soil at Site 61. Under the MMRP, Picatinny Arsenal finalized the site inspection (SI) report, which identified and prioritized 10 sites. The installation also completed munitions and UXO removal actions, and performed an engineering evaluation and cost analysis (EE/CA) on 40 acres of leased property. Additionally, the installation performed a second removal action on 20 acres of the former DRMO Yard site. Picatinny Arsenal briefed the RAB, and received technical assistance for public participation funding.

FY09 IRP Progress

Picatinny Arsenal completed RODs for groundwater at Areas B and C, and the former DRMO Yard. The installation completed the Midvalley Groundwater FS, and required no further construction of cleanup systems at two sites. The installation also completed cleanup at the former DRMO Yard site. Additionally, Picatinny Arsenal completed the SI for the former Skeet Range, and completed long-term monitoring reports for groundwater at Areas B, D, and E, the Post Farm Landfill, and the Green Pond Brook.

Regulatory and technical issues delayed the release of public notices for six proposed plans (PPs) and construction of

cleanup systems at 13 sites. Regulatory issues also delayed completion of the FS at 600 Hill.

The RAB held one meeting and received technical assistance for public participation funding.

FY09 MMRP Progress

Picatinny Arsenal completed munitions cleanup at the former DRMO Yard and completed EE/CAs at selected BRAC facilities. The installation received funding to complete a removal action at the neighboring Tilcon Mines.

Plan of Action

Plan of action items for Picatinny Arsenal are grouped below according to program category.

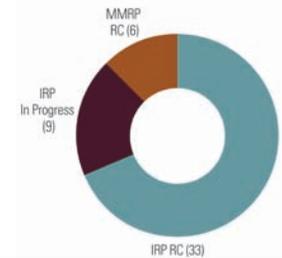
IRP

- Release public notices for six PPs in FY10.
- Complete construction of cleanup systems at 13 sites in FY10.
- Complete the FS for 600 Hill in FY10.
- Complete a ROD for Groups 1 and 3, and Site 78 in FY10-FY11.
- Monitor cleanup using natural processes at two groundwater sites, and continue groundwater cleanup at two sites in FY10-FY11.

MMRP

- Complete a removal action for 10 acres at Tilcon Mines in FY10.
- Award contract and begin RI at eligible MMRP sites in FY10.
- Perform UXO clearances and construction support for various projects in FY10-FY11.

FFID:	NY257002477400	Funding to Date:	\$ 64.7 million
Location (Size):	Plattsburgh, New York (3,447 acres)	Est. CTC (Comp Year):	\$ 19.6 million (FY 2084)
Mission:	Served as former bomber and tanker aircraft operations	IRP Sites (Final RIP/RC):	42 (FY2011)
HRS Score:	30.34; placed on NPL in November 1989	MMRP Sites (Final RIP/RC):	6 (FY2003)
IAG Status:	FFA signed in July 1991	Five-Year Review Status:	Underway and planned
Contaminants:	Organic solvents, pesticides, fuels, PCBs, lead, VOCs, SVOCs, metals, PCBs	IRP/MMRP Status Table:	Refer to page C-6-125
Media Affected:	Surface Water, Sediment, Soil, Groundwater		



Progress To Date

Plattsburgh Air Force Base (AFB) formerly supported bomber and tanker aircraft operations. Groundwater at a former fire training area (FTA) is contaminated with chlorinated solvents, as well as benzene, toluene, ethyl benzene, and xylene. Other contaminated site types include underground storage tanks, aboveground storage tanks, landfills, industrial facilities, spill sites, and training areas. The potential risk to human health and the environment was significant enough for EPA to place Plattsburgh AFB on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in July 1991 to outline how they were going to proceed with cleanup. The 1993 BRAC Commission recommended closure of Plattsburgh AFB, and the installation closed in September 1995. Plattsburgh AFB updated the BRAC cleanup plan with community input in FY04 to prioritize sites requiring environmental restoration. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). In FY95, Plattsburgh AFB completed a community relations plan. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99 and FY04.

Plattsburgh AFB has grouped contaminated sites into 21 operable units (OUs). To date, the installation has closed 21 sites in concurrence with regulators. The installation has completed 12 Records of Decision (RODs), which selected cleanup actions for 12 OUs. In FY04, Plattsburgh AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Plattsburgh AFB for FY05 through FY08 is summarized below.

In FY05, Plattsburgh AFB completed construction of the cleanup system at FTA 002. The installation performed ongoing operation of cleanup systems and long-term management (LTM) at other restoration sites. Additionally, Plattsburgh AFB began evaluating requirements at MMRP sites. The RAB held two meetings.

In FY06, Plattsburgh AFB continued operations of cleanup systems and LTM. The installation completed an evaluation of MMRP sites.

In FY07, Plattsburgh AFB continued operations of cleanup systems and LTM. Plattsburgh AFB completed a study to address cleanup processes at the FTA 002 source OU, including an evaluation of the soil vapor intrusion pathway that allows volatile organic compounds (VOCs) to enter indoor air from underlying contamination in soil or groundwater. Plattsburgh AFB completed a remedial investigation (RI) at one site.

In FY08, Plattsburgh AFB continued cleanup systems operation and LTM in support of cleanup programs. The installation completed RODs for two sites and a RI at one site. Plattsburgh AFB resolved regulatory issues involving the soil vapor intrusion pathway at FTA 002.

FY09 IRP Progress

Plattsburgh AFB began the third five-year review report. The installation completed cleanup of the FTA 002 source OU. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Contractual and technical issues delayed completion of RODs at three sites.

FY09 MMRP Progress

Plattsburgh AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Plattsburgh Air Force Base are grouped below according to program category.

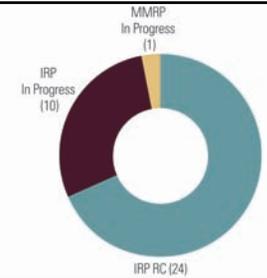
IRP

- Complete the third five-year report review in FY10.
- Finalize RODs for three sites in FY10.
- Complete implementation of all cleanup systems in FY11.

MMRP

- Close all active MMRP sites in FY10.

FFID:	ME117002201900	Est. CTC (Comp Year):	\$ 32.1 million (FY 2037)
Location (Size):	Kittery, Maine (278 acres)	IRP Sites (Final RIP/RC):	34 (FY2014)
Mission:	Maintain, repair, and overhaul nuclear submarines	MMRP Sites (Final RIP/RC):	1 (FY2005)
HRS Score:	67.70; placed on NPL in May 1994	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in 1999	IRP/MMRP Status Table:	Refer to page C-6-93
Contaminants:	Pesticides, PCBs, VOCs, heavy metals, SVOCs		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 55.9 million		



Progress To Date

The Portsmouth Naval Shipyard (NSY) maintains, repairs, and overhauls nuclear submarines. A RCRA facility assessment in FY86 identified 28 solid waste management units (SWMUs). Site types at the installation include a landfill (LF), a salvage and storage area, and waste oil tanks. The potential risk to human health and the environment from contamination in groundwater and sensitive wetland communities was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in 1999 to outline how they were going to proceed with cleanup. Formed in FY87, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. Portsmouth NSY developed a community relations plan, which was updated in FY97. To ensure continuous monitoring and improvement, the installation also completed a five-year review report for Operable Unit (OU) 3 in FY07.

To date, the installation determined that no further cleanup actions were necessary for SWMUs 12, 13, 16, and 23. The installation also has completed one Record of Decision (ROD), which selected cleanup actions for three environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. The cleanup progress at Portsmouth NSY for FY05 through FY08 is summarized below.

In FY05, Portsmouth NSY completed cleanup at OU 3. The installation began the OU 2 feasibility study (FS) to evaluate cleanup alternatives, and continued interim off-shore monitoring at OU 4. Portsmouth NSY finalized a preliminary assessment and determined that no further cleanup actions were necessary for the MMRP site.

In FY06, Portsmouth NSY completed Site 10 fieldwork and continued the interim off-shore monitoring at OU 4. The installation also began the operation, maintenance, and monitoring program for the Jamaica Island LF.

In FY07, Portsmouth NSY completed a five-year review report for OU 3. The installation finalized the remedial investigation

(RI) for OU 1, continued monitoring OU 4, and started a removal action at Site 34.

In FY08, Portsmouth NSY completed the removal action at Site 34 and the RI for OU 1. Portsmouth NSY also continued monitoring at the OU 3 Jamaica Island landfill and constructed wetland. The installation started discussions with regulators and technical assistance groups to revise the interim off-shore monitoring sampling of OU 4.

FY09 IRP Progress

Portsmouth NSY began interim cleanup of lead-contaminated soil at OU 2 (Sites 6 and 29), continued monitoring the OU 3 Jamaica Island LF and constructed wetland, and completed the construction closeout report for interim cleanup at Site 34. Portsmouth NSY also continued off-shore monitoring of OU 4 under an interim ROD. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed the completion of an FS for OU 1. Administrative and regulatory issues delayed completion of the proposed plan and ROD for OU 1.

FY09 MMRP Progress

The installation conducted no MMRP actions.

Plan of Action

Plan of action items for Portsmouth Naval Shipyard are grouped below according to program category.

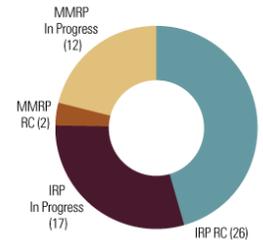
IRP

- Finalize the FS and begin the proposed plan and ROD for OU 1 in FY10.
- Complete interim cleanup of lead-contaminated soil and an RI at OU 2 (Sites 6 and 29) in FY10.
- Continue monitoring at Jamaica Island landfill and the constructed wetlands in FY10-FY11.
- Continue off-shore monitoring of OU 4 area under the interim ROD in FY10-FY11.
- Complete an FS at OU 2 (Sites 6 and 29) in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CO821382072500	Funding to Date:	\$ 140.1 million
Location (Size):	Pueblo, Colorado (23,121 acres)	Est. CTC (Comp Year):	\$ 88.2 million (FY 2023)
Mission:	Store chemical munitions, plan for future closure.	IRP Sites (Final RIP/RC):	43 (FY2016)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	14 (FY2017)
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	POLs, heavy metals, VOCs, pesticides, explosives, PCBs, UXO, SVOCs, propellants	IRP/MMRP Status Table:	Refer to page C-6-46
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Pueblo Chemical Depot (CD), formerly Pueblo Chemical Activity, stores chemical munitions. Contaminated sites include a landfill, open burning and detonation grounds, ordnance and explosives waste areas, lagoons, former building sites, oil-water separators, a TNT washout facility and discharge system, and hazardous waste storage units. Heavy metals, volatile organic compounds (VOCs), and explosives are the primary contaminants affecting soil and groundwater. In December 1988, the BRAC Commission recommended realignment of the installation. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Pueblo CD. Also in FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the public. The community formed a local redevelopment authority, which prepared a land reuse plan. In FY96, the installation developed Team Pueblo to coordinate public involvement in restoration, reuse, closure, and cleanup. In FY99, RAB members approved the RAB charter.

In FY03, Pueblo CD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Pueblo CD for FY05 through FY08 is summarized below.

In FY05, Pueblo CD completed groundwater treatment pilot studies at Solid Waste Management Units (SWMUs) 28, 36, and 58. The installation completed the corrective measures study (CMS) for all four South Central Terrace Area SWMUs (14, 28, 36, and 58) and submitted it to the State of Colorado. The installation received approval that no further cleanup action is required at two sites, and coordinated with the State to optimize long-term groundwater monitoring requirements.

In FY06, Pueblo CD received State approval on the South Central Terrace Area CMS (SWMUs 14, 28, 36, and 58). The installation also completed the draft CMS for the former TNT Washout Facility and SWMU 18, and requested from the State that no further cleanup actions is required at SWMU 18. Regulators approved RCRA facility investigations at SWMUs 19 and 41. Regulators also approved no further cleanup actions for SWMUs 42, 48, and 59. Additionally, the installation implemented an ion-exchange treatment at the highly

contaminated area in the Southwest Terrace, and awarded a contract for the Southern Industrial Area.

In FY07, Pueblo CD submitted and received State approval for the final CMS for SWMU 17. The installation completed investigations at SWMUs 25, 29, 35, 39, 45, 56, and 57. Pueblo CD submitted the planning process for SWMU 34.

In FY08, Pueblo CD completed and received State approval on RCRA facility investigations at SWMUs 21, 25, 35, 39, 40, and 56; SWMUs 21 and 35 were recommended for no further cleanup actions, and SWMUs 25, 39, 40, and 56 will require CMSs. The State selected cleanup actions for SWMU 17 and modified the RCRA permit accordingly. The installation awarded two performance-based contracts. The installation also completed a final groundwater treatment action at SWMUs 26 and 36, which completed Phase I of the cleanup. Pueblo CD completed fieldwork for the MMRP SWMU 34 supplemental RCRA facility investigations.

FY09 IRP Progress

Pueblo CD began cleanup actions at SWMUs 14, 17, 28, 36, and 58. Cleanup actions included enhanced bioremediation to promote growth of naturally occurring bacteria that treat contaminants in groundwater. Pueblo CD submitted a request requiring no further cleanup actions at SWMUs 49 and 50 and the geophysical survey plan for SWMU 60 to regulators. The installation received approval for the SWMU 45 CMS.

Technical issues delayed the approval for no further cleanup action at SWMUs 21, 49 and 50.

FY09 MMRP Progress

Technical issues delayed regulatory approval on the SWMU 34 supplemental RCRA facility investigations.

Plan of Action

Plan of action items for Pueblo Chemical Depot are grouped below according to program category.

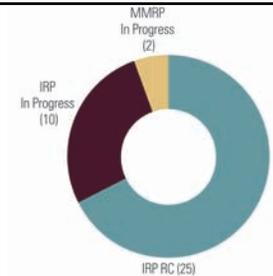
IRP

- Continue cleanup at SWMUs 14, 17, 28, 36, and 58 in FY10.
- Receive regulatory approval for no further cleanup action at SWMUs 21, 49, and 50 in FY10.
- Draft and implement CMS work plan for SWMUs 19 and 25 in FY10-FY11
- Implement approved RCRA facility investigations work plan for SWMU 38 in FY10-FY11.

MMRP

- Receive regulatory approval on the SWMU 34 supplemental RCRA facility investigations in FY10.

FFID:	WA017002341800, WA017002342600, WA017002726800	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Kitsap County, Washington (1,392 acres)	Funding to Date:	\$ 202.8 million
Mission:	Support ship logistics; work in construction and overhaul; provide housing and healthcare for active duty families	Est. CTC (Comp Year):	\$ 91.1 million (FY 2041)
HRS Score:	50.00; placed on NPL in May 1994	IRP Sites (Final RIP/RC):	36 (FY2016)
IAG Status:	IAG signed for Bremerton Naval Complex in 1998; IAG signed for Jackson Park Housing Complex in 2004	MMRP Sites (Final RIP/RC):	3 (FY2016)
Contaminants:	Heavy metals, VOCs, POLs, solvents, construction debris, acids, silver nitrate, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to pages C-6-179 and C-7-57



Progress To Date

Puget Sound Naval Shipyard (NS) supports ship logistics, works in construction and overhaul, and provides housing and healthcare for active duty families. Naval Facilities Engineering Command Northwest manages all cleanup activities at Bremerton Naval Complex (BNC) and Jackson Park Housing Complex (JPHC). Most of BNC, which includes the Puget Sound Naval Shipyard (NSY), is built on contaminated fill material. Initial assessment studies identified six sites for BNC and eight at JPHC. The main sources of contamination are past operations, such as cleaning and demilitarization of ordnance and ship construction, maintenance, and demolition. Metals and petroleum/oil/lubricants (POLs) are the primary contaminants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed an interagency agreement (IAG) for BNC in 1998 to outline how they were going to proceed with cleanup; they signed another agreement for JPHC in 2004. Formed in FY91 and FY92 respectively, JPHC and BNC converted their technical review committees responsible for communicating cleanup progress with the community to Restoration Advisory Boards in FY94. To ensure continuous monitoring and improvement, the installation completed five-year review reports for BNC in FY02 and FY07, and for JPHC in FY05.

To date, BNC has completed Records of Decision (RODs) selecting cleanup actions for Operable Units (OUs) A, BM (Marine), BT (Terrestrial), D, and Naval Supply Center (NSC). JPHC has completed a ROD for OU 1. Puget Sound NS transferred approximately two acres of BNC OU D property to the City of Bremerton. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Puget Sound NS for FY05 through FY08 is summarized below.

In FY05, Puget Sound NS continued long-term management (LTM) at BNC OUs A and C, and NSC, and signed a ROD for OU D. BNC conducted sampling in support of the cleanup system's operation at the OU BM. JPHC conducted LTM, an additional investigation to address benzene leakage at OU 1, and identified free-product in new deep wells. Under the MMRP, JPHC completed data gathering and a field summary

report at OU 3T for remedial investigation (RI) Phase I. The installation also completed a draft RI work plan and a draft feasibility study (FS) work plan to evaluate cleanup alternatives for OU 3M.

In FY06, Puget Sound NS transferred approximately two acres of BNC OU D property to the City of Bremerton. In addition, the installation began partnering and facilitating meetings with regulators for JPHC sites. Puget Sound NS continued LTM and began pilot testing to address free-product benzene at JPHC OU 1.

In FY07, Puget Sound NS resolved the JPHC OU 2 informal dispute and began planning for a supplemental RI. The installation updated the LTM program for OU A and NSC, and monitoring the cleanup system's operation at OU BM. Puget Sound NS also continued LTM and began a focused FS at JPHC OU 1. Under the MMRP, the installation completed the JPHC OU 3T Phase II RI/FS work plans and RI/FS fieldwork. Additionally, the installation and EPA resolved a formal dispute regarding JPHC OU 3T Phase II sampling. The installation completed the second five-year review report for BNC.

In FY08, Puget Sound NS continued LTM at BNC terrestrial sites and conducted a removal action at OU A. The installation continued LTM, conducted a focused FS, and completed documentation for a removal action at JPHC OU 1. Under the MMRP, Puget Sound NS completed Phase II RI/FS fieldwork and began a removal action at JPHC OU 3T. Puget Sound NS also updated community relations plans for BNC and JPHC.

FY09 IRP Progress

Puget Sound NS resolved a formal dispute and finalized a Marine Monitoring Report for OU BM. The installation also resolved an informal dispute and began a supplemental RI for JPHC OU 2. Puget Sound NS continued LTM, a focus FS, and began a removal action at JPHC OU 1. The installation also continued LTM at BNC Terrestrial Sites. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Puget Sound NS resolved the Phase II work plan formal dispute, and began Phase II RI/FS for OU 3M.

Administrative issues delayed completion of a Phase II RI/FS report, and draft proposed plan (PP) for JPHC OU 3T.

Plan of Action

Plan of action items for Puget Sound Naval Shipyard are grouped below according to program category.

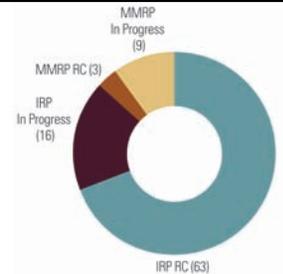
IRP

- Continue LTM and focused FS at JPHC OU 1 in FY10.
- Complete second JPHC five-year review report in FY10.
- Complete Phase II RI/FS report and draft PP for JPHC OU 3T in FY10.
- Continue LTM at BNC terrestrial sites in FY10.

MMRP

- Resolve formal dispute for stipulated penalties at JPHC OU 3T in FY10.
- Complete PP for JPHC OU 3T in FY10.
- Complete draft RI/FS report at JPHC OU 3M in FY10.
- Complete draft FS and PP for JPHC OU 2 in FY10-FY11.

FFID:	TX621382073800	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Texarkana, Texas (18,316 acres)	Funding to Date:	\$ 48.4 million
Mission:	Conduct ground combat; air defense systems certification; equipment support services; munitions storage, renovation and demilitarization; defense logistic support	Est. CTC (Comp Year):	\$ 71.3 million (FY 2017)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	79 (FY2017)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	12 (FY2017)
Contaminants:	Trichloroethylene, cadmium, chromium, lead, zinc, dichloroethane, dichloroethene, VOCs, SVOCs, metals	Five-Year Review Status:	This installation is not required to complete a five-year review report.
		IRP/MMRP Status Table:	Refer to page C-6-158



Progress To Date

Red River Army Depot (AD) conducts ground combat; air defense systems certification; equipment support services; munitions storage, renovation, and demilitarization; and defense logistic support. Areas of environmental concern at Red River AD include spill sites associated with previous industrial and disposal activities. Trichloroethylene (TCE) is the main contaminant affecting groundwater at the installation. In 1995, the BRAC Commission realigned Red River AD by moving the M113 vehicle mission to other depots. In 2005, the BRAC Commission further realigned Red River AD to close the munitions center and move the missile facilities. The installation retained its Tactical Wheeled Vehicle Programs, intern training, and rubber production missions. In FY95, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY96, the installation prepared a BRAC cleanup plan to prioritize sites requiring environmental restoration and updated it in FY01. In FY95, the community formed the Red River Redevelopment Authority. In FY96, Red River AD formed a Restoration Advisory Board to discuss cleanup progress with the the community. The installation also maintains a partnership with the Texas Natural Resource Conservation Commission (now known as the Texas Commission on Environmental Quality) through the Defense/ State Memorandum of Agreement program.

To date, the installation has removed more than 2,000 cubic yards of contaminated sediment from the north and south stormwater drainage ditches in the Western Industrial Area. Red River AD also transferred 694 of the 797 acres of BRAC property to the Red River Redevelopment Authority. In FY03, Red River AD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) at the non-BRAC portion of this installation; MMRP sites were identified. Cleanup progress at Red River AD for FY05 through FY08 is summarized below.

In FY05, the installation completed a soil cleanup project at the former Incinerator Building 722, and submitted a plan for implementing corrective measures to the State of Texas for the closed hazardous waste landfill (LF). Under the MMRP, the installation also completed historical record review reports.

In FY06, Red River AD completed reports on affected property assessments and response action plans for Buildings 371 and 373, used oil tanks, and the X1 Sewer Treatment Plant. The installation also implemented the groundwater monitoring plan for the closed ordnance training center hazardous waste LF. The installation found 38 acres suitable for transfer to the Red River Redevelopment Authority. Red River AD submitted the site inspection report for MMRP sites and received regulator comments.

In FY07, Red River AD constructed two permeable walls to protect Panther Creek from contaminated groundwater. Red River AD also completed a report documenting the environmental condition of all transferable property, and a CERFA report, which documents all uncontaminated property undergoing closure or realignment, for the BRAC 2005 parcel. Red River AD submitted long-term groundwater monitoring plans for Buildings 371, 373, the Western Industrial Area, and the used oil tank facility; completed excavations to cleanup Building 1027, the used oil tank facility, and the X1 Sewer Treatment Plant; and submitted a cleanup plan for the Western Industrial Area and Panther Creek. Red River AD transferred the Northwest and Southwest Surveillance Function Test Ranges to the BRAC 2005 program. Under the MMRP, Red River AD published a public notice on the prioritization of all sites; there was no public response.

In FY08, Red River AD received regulatory concurrence to discontinue long-term management at the municipal solid waste LF, and began Phase II investigations on BRAC 2005 sites. The installation also completed groundwater classification at X1 Sewer Treatment Plant. Under the MMRP, Red River AD awarded a contract to complete a remedial investigation (RI) and a feasibility study (FS) to evaluate cleanup alternatives for five sites.

FY09 IRP Progress

Red River AD began a response action plan and installed monitoring networks for Panther Creek biowalls. The installation performed monitoring at the Ordnance Training Center LF, open burn (OB)/ open detonation (OD) grounds, sludge drying beds, and Chromate Equalization Lagoon. Red River AD received regulatory concurrence on proposed contaminated area management zones for Buildings 371, 373, and 433; the

Western Industrial Area; and the used oil tank facility. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

Technical and administrative issues delayed completion of the response action plan for Panther Creek biowalls. Administrative issues delayed completion of RCRA facility investigations at four BRAC 2005 sites.

FY09 MMRP Progress

Red River AD began RI/FSs at five sites for the active program and two sites for the BRAC program.

Plan of Action

Plan of action items for Red River Army Depot are grouped below according to program category.

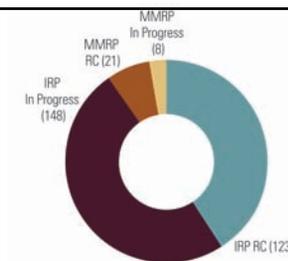
IRP

- Complete response action plan for Panther Creek biowalls in FY10.
- Complete RI of Defense Reutilization and Marketing Office Scrap Yard in FY10.
- Determine whether the X1 Sewer Treatment Plant is suitable to transfer in FY10.
- Complete RCRA facility investigations at four BRAC 2005 sites in FY10.
- Continue monitoring at the OB/OD grounds, Chromate Equalization Lagoon, Ordnance Training Center Landfill and sludge drying beds in FY10-FY11.

MMRP

- Complete RI/FSs at five active sites and two BRAC 2005 sites in FY10.

FFID:	AL421382074200	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Huntsville, Alabama (38,300 acres)	Funding to Date:	\$ 231.1 million
Mission:	Serve as host to the Army Aviation and Missile Command, the Space and Missile Defense Command, Redstone Technical Test Center, and the Missile and Space Intelligence Center	Est. CTC (Comp Year):	\$ 125.0 million (FY 2044)
HRS Score:	33.40; placed on NPL in June 1994	IRP Sites (Final RIP/RC):	271 (FY2022)
IAG Status:	FFA under negotiation	MMRP Sites (Final RIP/RC):	29 (FY2016)
Contaminants:	Heavy metals, solvents, MEC, perchlorate, CWM, pesticides, VOCs, SVOCs, PCBs, explosives, propellants	Five-Year Review Status:	Planned
		IRP/MMRP Status Table:	Refer to page C-6-1



Progress To Date

Past operations at Redstone Arsenal included production, receipt and shipment, storage, demilitarization, and disposal of chemical and high-explosive munitions. Industrial firms also produced commercial chemicals and pesticides at the installation. Redstone Arsenal currently conducts military training, research and development; manages procurement; and supports the Army's aviation and missile weapons systems. Site types include past disposal sites, landfills, open burning and open detonation areas, chemical munitions disposal sites, and releases from rocket motor production processes. Primary contaminants of concern are heavy metals, solvents, chemical weapon materials, munitions and explosives of concern, and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1994. DoD and EPA are currently negotiating a federal facility agreement (FFA) to outline how they will proceed with cleanup. In 2005, the BRAC Commission recommended Redstone Arsenal for realignment. In 1994, Redstone Arsenal formed a technical review committee to discuss cleanup progress with the community.

Sites at Redstone Arsenal are grouped into groundwater operable units (OUs) and surface media OUs. To date, the installation has closed 21 sites and completed 10 Records of Decision (RODs), selecting cleanup actions at 13 sites. Redstone Arsenal has also signed one interim ROD for groundwater land use controls (LUCs), which restrict access to sites. Cleanup progress at Redstone Arsenal for FY05 through FY08 is summarized below.

In FY05, Redstone Arsenal awarded a performance-based contract (PBC). The installation also submitted remedial investigation (RI) reports for Sites 011, 057, 096, 098, 146, and 183. Additionally, the installation submitted a feasibility study (FS) report evaluating cleanup alternatives for Site 057. Redstone Arsenal also submitted the preliminary assessment (PA) and site inspection (SI) reports for Sites 145, 146, 147, 148, and 149.

In FY06, Redstone Arsenal determined that no further cleanup action was necessary at Site George C. Marshall Space Flight Center (MSFC) 074. Redstone Arsenal completed a proposed plan (PP) for Site 057 and submitted the corresponding ROD.

The installation completed PAs for seven sites. Under the Military Munitions Response Program (MMRP), the installation began the SI for sites suspected to contain munitions contamination.

In FY07, EPA and the Alabama Department of Environmental Management added additional personnel to the Redstone Arsenal program. The installation completed RODs for Sites 049 and 057; a groundwater interim ROD; and two RODs determining no further cleanup was necessary at Sites 011 and 047. Additionally, the installation closed three sites (Sites 223, 232, and 235); installed and launched cleanup systems for two sites (MSFC 002/087 and Site 229); and finalized RI reports for five sites (Sites 054, 056, 122, 139, and 183). The installation installed a northern perimeter well network to address contamination from off-post groundwater. The installation also updated the MMRP historical records review, and resubmitted it and the SI work plan for review.

In FY08, Redstone Arsenal closed seven sites. Redstone Arsenal also completed one ROD (MSFC 002/087) and administrative letters to close six sites (MSFC 77 and Sites 224, 229, 236, 251, and D). The installation submitted the cleanup work plans for the groundwater interim ROD and Site 049. Under the MMRP, Redstone Arsenal completed a Phase I historical records review and SI.

FY09 IRP Progress

Redstone Arsenal awarded a PBC and completed the PP and ROD for Sites 094, 122, 183, and 196. The installation also completed FSs for 7 sites; RIs for 16 sites; cleanup work plans for Site 049; and the groundwater interim ROD. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Redstone Arsenal submitted the closure report for Site 282.

Redstone Arsenal decided to evaluate any new potential MMRP areas under the new contract; therefore, the installation did not begin the Phase II historical records review.

Plan of Action

Plan of action items for Redstone Arsenal are grouped below according to program category.

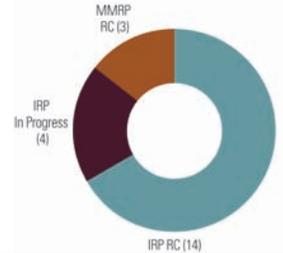
IRP

- Complete 18 FSs, 20 PPs, 25 RIs, and 13 SIs in FY10-FY11.
- Complete a cleanup closure report, 10 LUC plans, and 11 cleanup work plans in FY10-FY11.
- Complete 12 decision documents and 15 RODs in FY10-FY11.

MMRP

- Complete three RIs, two FSs, and two PPs in FY10-FY11.

FFID:	TX657152409100	Est. CTC (Comp Year):	\$ 2.0 million (FY 2014)
Location (Size):	Lubbock, Texas (2,987 acres)	IRP Sites (Final RIP/RC):	18 (FY2006)
Mission:	Conducted pilot training	MMRP Sites (Final RIP/RC):	3 (FY2000)
HRS Score:	N/A	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in 1987 and terminated in June 1999	IRP/MMRP Status Table:	Refer to page C-7-51
Contaminants:	VOCs, POLs, metals, pesticides, herbicides, TCE, SVOCs		
Media Affected:	Groundwater, Surface Water, Soil		
Funding to Date:	\$ 128.0 million		



Progress To Date

Reese Air Force Base (AFB) formerly supported pilot training and related activities. Sites identified at the installation include landfills (LFs), surface impoundments, underground storage tanks, sludge spreading areas, industrial drain lines, and fire training areas. DoD and EPA signed a federal facility agreement (FFA) in 1987 to outline how they were going to proceed with cleanup, which was terminated in June 1999. The 1995 BRAC Commission recommended closure of Reese AFB, and the installation closed in September 1997. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. Reese AFB formed a Restoration Advisory Board (RAB) in FY95 to discuss the installation’s cleanup progress with the community. To ensure continuous monitoring and improvement, Reese AFB completed a five-year review report in FY06.

To date, the installation has transferred all property. In FY06, Reese AFB determined that no further construction of cleanup systems was required. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Reese AFB closed all MMRP sites in FY07. Cleanup progress at Reese AFB for FY05 through FY08 is summarized below.

In FY05, Reese AFB conducted pilot studies under the guaranteed fixed-price remediation contract to test the possibility of enhancing cleanup at the Tower Area and Southwest LF Plumes. Reese AFB expanded the Tower Area Plume pump-and-treat system and began demonstrating that two other sites were operating properly and successfully. The installation complied with Section 7003 of RCRA, which EPA administers at Reese AFB, by supplying approximately 50 off-base residents with alternate water supplies. Under the MMRP, Reese AFB began evaluating requirements. The RAB and BRAC cleanup team met as scheduled.

In FY06, Reese AFB completed the operating properly and successfully demonstration for the Tower Area Plume. The installation transferred all remaining property (409 acres) through an economic development conveyance that would generate jobs to the Lubbock Reese Reuse Authority, and through a public benefit conveyance to Texas Tech University

and South Plains College. Reese AFB successfully used the guaranteed fixed-price remediation contract to accelerate environmental cleanup and move the groundwater cleanup schedule ahead. The installation determined that no further construction of cleanup systems was required. Additionally, Reese AFB completed the first five-year review report. The installation conducted ongoing, full-scale, enhanced cleanup and also continued compliance with Section 7003 of RCRA. Reese AFB determined that no munitions or explosives of concern remain at the installation. The RAB and BRAC cleanup team continued to meet as needed.

In FY07, the installation continued the guaranteed fixed-price remediation contract and completed full-scale implementation of the enhanced cleanup systems. Reese AFB continued monitoring off-base private water wells in compliance with Section 7003 of RCRA. The installation performed LF maintenance, and groundwater monitoring and cleanup. Reese AFB completed the closure of all identified MMRP sites.

In FY08, Reese AFB continued to enhance the groundwater cleanup and expanded enhancements to the full-scale system, accelerating contaminant reduction in treatment areas. The installation also continued monitoring private water wells in compliance with Section 7003 of RCRA.

FY09 IRP Progress

Reese AFB continued the enhanced groundwater cleanup, and continued monitoring private water wells in compliance with Section 7003 of RCRA. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed completion of the guaranteed fixed-price remediation contract.

FY09 MMRP Progress

Reese AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Reese Air Force Base are grouped below according to program category.

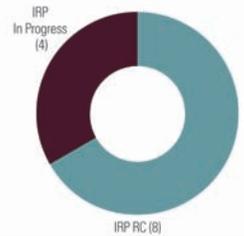
IRP

- Continue enhanced cleanup for groundwater in FY10-FY11.
- Continue compliance with Section 7003 of RCRA in FY10-FY11.
- Prepare a five-year review report in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MO757002429200	Funding to Date:	\$ 11.9 million
Location (Size):	Kansas City, Missouri (429 acres)	Est. CTC (Comp Year):	\$ 2.0 million (FY 2038)
Mission:	Supported fighter and attack aircraft operations	IRP Sites (Final RIP/RC):	12 (FY2004)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	POLs, PAHs, PCBs, VOCs, heavy metals, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-7-33
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Richards-Gebaur Air Reserve Station (ARS) formerly supported fighter and attack aircraft operations. Site types identified at the installation include a fire training area, vehicle maintenance areas, hazardous waste drum storage areas, fuel storage areas, and underground storage tanks. In July 1991, the BRAC Commission recommended closure of Richards-Gebaur ARS. The installation closed in September 1994. In FY94, Richards-Gebaur ARS formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY04, the RAB adjourned and the installation updated the community relations plan to indicate the status of cleanup efforts and identify ongoing opportunities for community involvement. To ensure continuous monitoring and improvement, Richards-Gebaur ARS completed a five-year review report in FY07.

To date, Richards-Gebaur ARS has completed decision documents for three sites, which determined that no further cleanup actions were necessary. Richards-Gebaur ARS has signed Records of Decision selecting cleanup actions for Operable Units 1 and 2. The installation has transferred all property to the local communities (which are the cities of Kansas City and Belton) or assigned to the Navy and the Army. In FY06, the installation transferred environmental responsibility for Spill Sites (SSs) 003 and 009 to the Navy. In FY04, Richards-Gebaur ARS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Restoration Program (MMRP); no MMRP sites were identified. Cleanup progress at Richards-Gebaur ARS for FY05 through FY08 is summarized below.

In FY05, Richards-Gebaur ARS completed the management plan for land use controls (LUCs), which restrict use or access to sites, and institutional controls (ICs), which are tools that minimize the potential for human exposure. The installation also updated the groundwater monitoring plan. Richards-Gebaur ARS monitored groundwater at six sites and conducted LUC/IC inspections. In addition, the installation transferred the remaining property (232 acres) to Kansas City and the Navy.

In FY06, the installation monitored groundwater at six sites and conducted LUC/IC inspections. The installation transferred environmental responsibility for SSs 003 and 009 to the Navy.

In FY07, Richards-Gebaur ARS continued cleanup operations and long-term management (LTM) for environmental restoration sites. The installation monitored groundwater and conducted LUC/IC inspections at four sites. Richards-Gebaur ARS completed the first five-year review report, which reduced the groundwater monitoring frequency from twice per year to once per year for three of the four sites. Regulators approved the installation's explanation of significant differences between maintaining LUCs/ICs at two contaminated soil sites as proposed in the ROD, and determined that no further cleanup action was necessary. The Kansas City Port Authority requested that Richards-Gebaur ARS enter into an environmental services cooperative agreement with them such that the Port Authority would assume responsibility for the remaining cleanup operations and LTM.

In FY08, Richards-Gebaur ARS prepared an annual report on the installation's cleanup progress. The installation conducted annual groundwater monitoring and LUC/IC inspections at four sites. Kansas City Port Authority cancelled environmental services cooperative agreement negotiations to privatize environmental cleanup with Richards-Gebaur ARS.

FY09 IRP Progress

Richards-Gebaur ARS prepared an annual report on the installation's cleanup progress. The installation conducted annual groundwater monitoring and LUC/IC inspections at four sites.

FY09 MMRP Progress

Richards-Gebaur ARS has identified no MMRP sites.

Plan of Action

Plan of action items for Richards-Gebaur Air Reserve Station are grouped below according to program category.

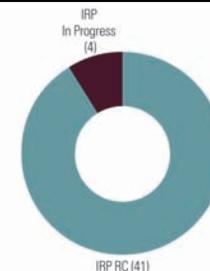
IRP

- Complete five-year review report in FY10.
- Conduct annual groundwater monitoring and LUC/IC inspections at four sites in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	OH557002454400	Funding to Date:	\$ 26.5 million
Location (Size):	Columbus, Ohio (2,076 acres)	Est. CTC (Comp Year):	\$ 7.5 million (FY 2036)
Mission:	Supported fighter, tanker, and cargo aircraft operations	IRP Sites (Final RIP/RC):	45 (FY2001)
HRS Score:	50.00; placed on NPL in January 1994	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, paints, POLs, solvents, heavy metals, VOCs, SVOCs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-7-44
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Rickenbacker Air National Guard Base (ANGB) formerly supported aircraft operations. The installation has identified groundwater sites contaminated with metals, pesticides, and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in January 1994. The 1991 BRAC Commission recommended closure of Rickenbacker ANGB. The 1993 BRAC Commission recommended realignment rather than base closure, and the installation was realigned in September 1994. The installation has formed a BRAC cleanup team to develop a process for cleanup of sites. The installation also formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY08.

To date, Rickenbacker ANGB has signed two Records of Decision, which selected cleanup actions at nine environmental restoration sites. The installation has also signed documents determining no further cleanup action is necessary at 3 areas of concern and 16 sites suspected to contain contamination for the Installation Restoration Program (IRP). Seven other IRP sites have been closed with regulatory concurrence. The installation has transferred over 1,700 acres to the local redevelopment authority. In FY04, Rickenbacker ANGB conducted an inventory of sites suspected to contain contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Rickenbacker ANGB for FY05 through FY08 is summarized below.

In FY05, the installation obtained approval letters for operating properly and successfully demonstrations at IRP Sites 21 and 42. Rickenbacker ANGB also completed a Statement of Basis for Site 43, determining no further cleanup was necessary as long as the installation maintained land use controls (LUCs), which restrict use of or access to the site. The installation transferred 47 acres of Parcel D3A and 15 acres of Parcel D3B, containing a petroleum/oil/lubricant (POL) bulk storage area, to the local redevelopment authority. Additionally, Rickenbacker ANGB awarded a performance-based contract to close the remaining IRP Sites: 1, 2, 21, 41, and 42. The BRAC cleanup

team reviewed the draft five-year review report and held one meeting.

In FY06, Rickenbacker ANGB added an aqueous solution of food-grade vegetable oil and simple sugars to the groundwater to act as a long-term electron donor and to accelerate site closure at Sites 41 and 42. The installation removed approximately 100 cubic yards of contaminated soil from Site 41. Rickenbacker ANGB expanded the air sparge system, which reduces the concentration of certain parts of petroleum, at Site 2; EPA Region V approved the installation's operating properly and successfully demonstration at the site. Rickenbacker ANGB completed the transfer of Site 43 (in Parcels B1/D3E, D3B, D3C, D3F, D3G, and D3K) to the local redevelopment authority. The installation retained Parcels D3I, D3J, and D3L for use by the Ohio Air National Guard. The BRAC cleanup team met twice.

In FY07, the installation completed Statements of Basis that describe improvements to groundwater sampling at Sites 41 and 42. EPA approved the installation's operating properly and successfully demonstration at Site 1. Regulators approved a minor amendment to the Site 1 post-closure plan for adding LUCs. Rickenbacker ANGB finalized an updated map of institutional controls, which are tools that minimize the potential for human exposure, and LUCs. The installation closed unused monitoring wells. Additionally, Rickenbacker ANGB transferred Parcels D3D and D3H to the local redevelopment authority. The BRAC cleanup team met twice.

In FY08, Rickenbacker ANGB completed the first five-year review report. The installation met cleanup goals and closed Site 2, as documented in a signed Statement of Basis for groundwater monitoring. Rickenbacker ANGB continued groundwater monitoring at IRP Sites 1, 21, 41, and 42. Regulators approved the minor amendment to the Site 1 post-closure plan for adding four new monitoring wells. Rickenbacker ANGB planned to close selected unused monitoring wells. The BRAC cleanup team met twice.

FY09 IRP Progress

Rickenbacker ANGB continued groundwater monitoring at Sites 1, 21, 41, and 42. The installation determined that no further cleanup action was needed, and that it was unnecessary to complete a Statement of Basis. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed the decommissioning of remaining obsolete monitoring wells at Site 21.

The BRAC cleanup team met twice.

FY09 MMRP Progress

Rickenbacker ANGB has identified no MMRP sites.

Plan of Action

Plan of action items for Rickenbacker Air National Guard Base are grouped below according to program category.

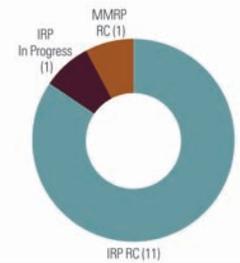
IRP

- Continue groundwater monitoring at Sites 1, 21, 41, and 42 in FY10-FY11.
- Update the LUCs management plan in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA921382075900	Est. CTC (Comp Year):	\$ 2.9 million (FY 2014)
Location (Size):	Riverbank, California (172 acres)	IRP Sites (Final RIP/RC):	12 (FY1998)
Mission:	Manufacture grenades, projectiles, and steel cartridge casings	MMRP Sites (Final RIP/RC):	1 (FY2008)
HRS Score:	63.94; placed on NPL in February 1990	Five-Year Review Status:	Completed and planned
IAG Status:	IAG signed in April 1990	IRP/MMRP Status Table:	Refer to page C-7-7
Contaminants:	Chromium, cyanide, zinc		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 57.7 million		



Progress To Date

In 1942, the Army constructed the Riverbank Army Ammunition Plant (AAP) as an aluminum reduction plant to supply military requirements. Since 1951, the installation has manufactured brass and steel cartridge cases for the Army and the Navy. Other manufactured products include grenades and projectiles, which the Army ships to other ammunition plants for loading operations. Contaminated sites include an industrial wastewater treatment plant, an abandoned landfill, and four evaporation and percolation ponds located north of the plant near the Stanislaus River. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed an interagency agreement (IAG) in April 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Riverbank AAP for closure. Riverbank AAP formed a technical review committee in 1994 to discuss the installation’s cleanup progress with the community. To ensure continuous monitoring and improvement, Riverbank AAP completed five-year review reports in FY01 and FY06.

To date, the installation has completed one Record of Decision (ROD), which selected cleanup actions for all sites. In FY03, Riverbank AAP conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Riverbank AAP for FY05 through FY08 is summarized below.

In FY05, Riverbank AAP began to optimize the groundwater treatment system from off-site wells. The installation also completed the chromium treatment pilot test at the source of contamination. Under the MMRP, the installation awarded a contract to conduct a historical review and archive search for the small arms range.

In FY06, Riverbank AAP continued to optimize the current groundwater treatment system and completed the second five-year review report. The installation also began groundwater investigations to evaluate potential methods to expedite cleanup efforts. Under the MMRP, Riverbank AAP conducted a historical records review and archive search for the small arms range.

In FY07, Riverbank AAP completed Phase I of a report summarizing the environmental condition of all transferable property, and began fieldwork. The installation received EPA concurrence on the CERFA Category 1 acres report, which documents all contaminated property undergoing closure or realignment. Regulators approved work plans for the pilot test of an iron treatment and rebound study, which shutdown the groundwater pump-and-treat system for one year. Under the MMRP, Riverbank AAP conducted a site inspection (SI) and metal detection survey, and collected soil samples at the small arms range.

In FY08, Riverbank AAP submitted the results of the pilot treatment and rebound study for regulatory review. The installation also completed Phase II of the report summarizing the environmental condition of all transferable property and received regulatory approval. Under the MMRP, Riverbank AAP provided regulators with metal survey and soil sampling results in an SI report; EPA determined that the small arms range required no further cleanup action.

FY09 IRP Progress

Riverbank AAP received regulatory approval of the ferrous iron treatment and rebound pilot study report. The installation evaluated the report, determined a further course of action, and submitted a draft explanation of significant differences for the ROD to regulators for review. Riverbank AAP received comments from the regulatory agencies. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Riverbank AAP conducted no MMRP actions.

Plan of Action

Plan of action items for Riverbank Army Ammunition Plant are grouped below according to program category.

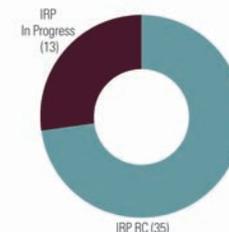
IRP

- Submit the revised explanation of significant differences for the ROD in FY10-FY11.
- Conduct cleanup with ferrous iron treatment in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	GA457172433000	Funding to Date:	\$ 186.7 million
Location (Size):	Houston County, Georgia (8,855 acres)	Est. CTC (Comp Year):	\$ 119.9 million (FY 2028)
Mission:	Provide logistics support for aircraft	IRP Sites (Final RIP/RC):	48 (FY2005)
HRS Score:	51.66; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in June 1989	Five-Year Review Status:	Completed and planned
Contaminants:	VOCs, paint strippers and thinners, paints, solvents, phosphoric and chromic acids, cyanide, carbon, oils, TCE	IRP/MMRP Status Table:	Refer to page C-6-63
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

The mission of Robins Air Force Base (AFB) is to provide logistics support for aircraft. Primary contaminants at the installation include trichloroethylene (TCE) and tetrachloroethane in soil and groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in June 1989 to outline how they were going to proceed with cleanup. The Robins AFB NPL site designation consists of landfill (LF) 004 and an adjacent sludge lagoon (Waste Pile [WP] site 14) and is divided into three operable units (OUs): source control (OU 1), wetlands (OU 2), and groundwater (OU 3). In August 2003, OU 2 was removed from the NPL designation and is addressed under RCRA. In 2005, the BRAC Commission recommended Robins AFB for realignment. The installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Robins AFB completed five-year review reports in FY01 and FY06.

To date, the installation has signed one Record of Decision, which selected cleanup actions for OUs 1 and 3. Cleanup progress at Robins AFB for FY05 through FY08 is summarized below.

In FY05, Robins AFB completed the corrective action plan and implemented the selected cleanup actions for Chemical Disposal (DC) site 034, completed the cleanup actions for OU 2 and Spill Site (SS) 039, and obtained site closure for SS 042. Robins AFB also conducted operations and maintenance (O&M) activities at nine sites. The installation required no further construction of cleanup systems at all Installation Restoration Program (IRP) sites. The RAB met quarterly to discuss ongoing restoration activities.

In FY06, Robins AFB obtained site closure at SS 039 and completed its second five-year review report for OUs 1 and 3. The installation continued O&M activities at eight sites and maintained land use controls (LUCs), which restrict access, at four sites. The Air Force awarded Robins AFB the General Thomas D. White Environmental Restoration Award for its achievements. The RAB met quarterly.

In FY07, Robins AFB closed Other (OT) site 029. The installation continued O&M activities and optimized cleanup efforts at eight sites, and maintained LUCs at four sites. Under the Military Munitions Response Program (MMRP), the installation began a preliminary assessment (PA) of sites suspected to contain munitions contamination. The RAB met quarterly.

In FY08, Robins AFB continued O&M activities and optimized cleanup efforts at eight sites and maintained LUCs at four sites. Robins AFB began state-level partnering, and the RAB met quarterly.

FY09 IRP Progress

Robins AFB conducted O&M activities and optimized cleanup efforts at eight sites and maintained LUCs at four sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

The installation participated in state-level partnering, and the RAB met quarterly.

FY09 MMRP Progress

Robins AFB completed the PA and recommended site inspection (SI) sampling at one site. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Robins Air Force Base are grouped below according to program category.

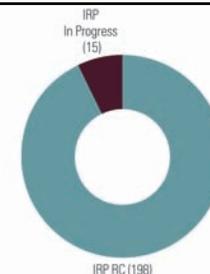
IRP

- Continue O&M activities at eight sites in FY10.
- Maintain LUCs at four sites in FY10.
- Begin installation-level partnering with state regulators in FY10.

MMRP

- Start the SI sampling in FY10.
- Complete the SI in FY11.

FFID:	CO821382076900	Funding to Date:	\$ 1,741.2 million
Location (Size):	Adams County, Colorado (17,228 acres)	Est. CTC (Comp Year):	\$ 164.1 million (FY 2039)
Mission:	Manufactured and stored chemical munitions	IRP Sites (Final RIP/RC):	213 (FY2010)
HRS Score:	58.15; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG and FFA signed in FY89	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, chemical agents, VOCs, chlorinated organics, PCBs, UXO, heavy metals, solvents, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-46
Media Affected:	Groundwater and Soil		



Progress To Date

Rocky Mountain Arsenal (RMA) operated chemical munitions production and destruction facilities from 1942 until 1982. Contaminated sites have included liquid waste in unlined and lined basins, open burning and detonations areas, structures, and trenches that received both liquid and solid wastes. Primary contaminants of concern are compounds used for chemical weapons materiel production and pesticides. The potential risk to human health and the environment was significant for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) and a federal facility agreement (FFA) in FY89 to outline how they were going to proceed with cleanup. In 1994, RMA converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

To date, RMA has transferred 13,312 acres. EPA delisted 13,411 acres from the NPL between FY03 and FY06. The installation divided contaminated sites into two operable units (OUs), one containing all on-post sites and another for the area off-post. In FY96, RMA and regulators signed Records of Decisions (ROD) for both OUs at the installation. Prior to the signing of the RODs, RMA completed 14 interim response actions at 17 sites, including: the installation of 5 groundwater extraction and treatment systems on-post; and 1 off-post. Also in FY96, the installation and Shell Oil Company (a party potentially responsible for additional contamination) formed an oversight partnership that developed the design for cleanup and the cleanup implementation schedule for the on-post OU. In FY01, the Army discovered 10 M139 bomblets containing sarin, which it destroyed using the Explosive Destruction System. In FY03, RMA completed an inventory of closed, transferred, and transferring ranges. The inventory identified: 25 closed, unexploded ordnance; discarded military munitions or munitions constituents sites; and 3 closed military ranges totaling 459 acres. Cleanup progress at RMA for FY05 through FY08 is summarized below.

In FY05, RMA awarded contracts to cleanup the Shell Disposal Trenches and the Basin F Waste Pile. The installation completed construction of the cleanup system at the Existing

(Sanitary) Landfill, and operated the groundwater system north of the Basin F Well.

In FY06, RMA completed the design for cleanup and began construction on the Shell Disposal Trenches cover and the Hazardous Waste Landfill cap. The installation completed construction of the cleanup system at the Enhanced Hazardous Waste Landfill. RMA began excavation of the Basin F Wastepile. The installation also amended the ROD and drafted the cleanup designs for the Former Basin F Principal Threat and Section 36 Lime Basins soil projects. EPA removed 7,399 acres from the NPL. Of these acres, RMA transferred 7,258 to the U.S. Fish and Wildlife Service (FWS), but kept jurisdiction over areas containing water treatment systems.

In FY07, RMA completed the design for cleanup at the Section 36 Lime Basins Slurry Wall project and the Integrated Cover System. The installation began the first phase of cleanup at the Integrated Cover System, the Former Basin F Principal Threat soil project, and the Munitions Testing soil project. The installation completed cleanup for the remaining Section 35 soils and Miscellaneous Southern Tier soils (Sand Creek Lateral). The installation completed the Section 36 Balance of Areas soil project, and the Basin F Wastepile soil fieldwork. RMA continued to operate and maintain five groundwater treatment systems. The installation received Occupational Safety and Health Administration and EPA awards for the NPL delisting of the Internal Parcel.

In FY08, RMA completed the design for cleanup at the Basin F and Basin F Exterior soil projects, and awarded the contract for cleanup. The installation also completed cleanup at Munitions Testing, Basin F Wastepile, Miscellaneous Southern Tier, and the Section 35 (Sand Creek Lateral) and Section 36 soil projects. RMA completed the soil removal at Secondary Basins, and awarded the Enhanced Hazardous Waste Landfill cover construction contract. The installation also completed the second five-year review report, with regulatory approval.

FY09 IRP Progress

RMA signed the certification reports for the following projects: Basin F Principal Threat removal, the final phase of the Munitions Testing, Phase II of the Sanitary Sewers, Secondary Basins, and Basin F Wastepile. The installation completed the

Enhanced Hazardous Waste Landfill Cap and Lime Basins projects. Regulators approved the explanation of significant difference for the North Plants, eliminating the need for a soil cover. RMA continued to operate the groundwater treatment systems. Operation of groundwater wells led to the discovery of contamination in Lime Basins area; the installation is working with regulatory agencies to determine how to proceed with cleanup of the contaminated areas. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

RMA has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Rocky Mountain Arsenal are grouped below according to program category.

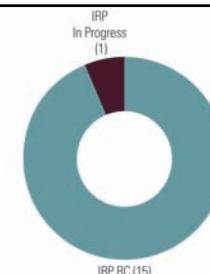
IRP

- Complete cleanup actions and construct engineering controls for Basin A, Lime Basins, South Plants Balance of Areas Phase II, Complex Army Disposal Trenches, Shell Disposal Trenches, and Basin F/Basin F Exterior in FY10.
- Begin third five-year review report in FY10.
- Propose deletion of approximately 2,500 acres from the NPL and transfer property to the FWS in FY10-FY11.
- Complete cleanup actions for Hazardous Waste Landfill.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA921382078000	Funding to Date:	\$ 68.0 million
Location (Size):	Sacramento, California (485 acres)	Est. CTC (Comp Year):	\$ 4.6 million (FY 2017)
Mission:	Repaired and maintained communications and electronic equipment	IRP Sites (Final RIP/RC):	16 (FY1997)
HRS Score:	44.46; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	None
IAG Status:	IAG signed in September 1988	Five-Year Review Status:	Completed
Contaminants:	Oil and grease, cyanide, metals, solvents, metal plating wastes, wastewater containing caustics	IRP/MMRP Status Table:	Refer to page C-7-7
Media Affected:	Groundwater and Soil		



Progress To Date

When in operation, Sacramento Army Depot (AD) provided support for communications and electronic equipment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. In FY88, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. In 1991, the BRAC Commission recommended closure of Sacramento AD, and the installation closed in March 1995. In FY93, the installation completed a CERFA report and a BRAC cleanup plan to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) in FY94 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

To date, Sacramento AD has transferred all acreage. Sacramento AD divided its contaminated sites into four operable units (OUs). In FY92, the installation signed Records of Decision (RODs) for all four OUs, which selected cleanup actions for these sites. Sacramento AD signed a ROD for the entire installation in FY95. Cleanup progress at Sacramento AD for FY05 through FY08 is summarized below.

In FY05, Sacramento AD transferred the final installation acreage to the City of Sacramento. The installation began groundwater and soil sampling at the South Post Plume. The installation reviewed all leases in support of groundwater monitoring. Of these leases, the installation renewed several and terminated one.

In FY06, Sacramento AD completed soil and groundwater sampling for the South Post Plume.

In FY07, Sacramento AD awarded a contract for future cleanup actions. The BRAC office discussed groundwater reuse options at the depot for a prospective ethanol production plant. The installation abandoned 14 monitoring wells and 4 piezometers, which measure groundwater. The RAB held an annual meeting.

In FY08, Sacramento AD awarded the performance-based contract for groundwater treatment and submitted the groundwater management plan amendment for regulatory

review. The installation continued to evaluate the groundwater treatment system for optimization. The installation completed the groundwater rebound test to determine the cleanup's effectiveness at Extraction Well 10. Sacramento AD began work plans and real estate easements to install a new off-site extraction well at the contaminated area's boundary. Sacramento AD conducted perchlorate sampling and ruled out the installation as the source of off-site contamination. The installation also completed the five-year review report and obtained regulatory concurrence. The RAB held an annual meeting.

FY09 IRP Progress

Sacramento AD finalized the groundwater management plan amendment and optimization report, and continued groundwater monitoring. Sacramento AD also finalized the Extraction Well 10 rehabilitation report. The installation developed appraisals, right of entry, and easements for monitoring wells and the new Berry Avenue extraction system. Sacramento AD also submitted the Berry Avenue extraction system work plan to regulators for concurrence.

Administrative issues delayed the start of a bioremediation pilot study and focused feasibility study (FS) to evaluate cleanup alternatives.

FY09 MMRP Progress

Sacramento AD has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

Plan of Action

Plan of action items for Sacramento Army Depot are grouped below according to program category.

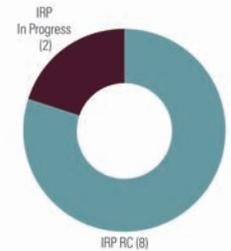
IRP

- Start bioremediation pilot study and focused FS in FY10.
- Finalize Berry Avenue extraction system work plan in FY10-FY11.
- Install and begin operations of the Berry Avenue extraction system and vapor extraction pilot system in FY10-FY11.
- Continue groundwater monitoring in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917002320200	Funding to Date:	\$ 36.8 million
Location (Size):	San Diego, California (541 acres)	Est. CTC (Comp Year):	\$ 7.1 million (FY 2019)
Mission:	Provided recruit training for enlisted personnel and specialized training for officers and enlisted personnel	IRP Sites (Final RIP/RC):	10 (FY2019)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Pesticides, solvents, POLs, paints, VOCs, SVOCs, metals, radioactive materials	IRP/MMRP Status Table:	Refer to page C-7-8
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Prior to its closure, San Diego Naval Training Center (NTC) provided recruit training for enlisted personnel and specialized training for officers and enlisted personnel. In FY86, an initial assessment study identified 12 contaminated sites: 5 sites are being addressed under CERCLA and 7 under the underground storage tank program. Sites include a landfill and petroleum-contaminated areas. In July 1993, the BRAC Commission recommended closure of San Diego NTC and relocation of personnel, equipment, and mission support to other naval training centers. The installation closed in April 1997. Certain installation facilities and activities continued to support other Navy operations in the San Diego area. In FY99, the installation updated its BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation also developed a community relations plan in FY92, which was updated in FY95. In FY94, San Diego NTC established a Restoration Advisory Board (RAB) to discuss the installation’s cleanup progress with the community, and an information repository, containing the most current documents of the administrative record. The installation deactivated the RAB in 2004, but reestablished it in FY07.

To date, the installation has signed one Record of Decision (ROD) which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress for San Diego NTC for FY05 through FY08 is summarized below.

In FY05, San Diego NTC received comments from the Regional Water Quality Control Board and prepared a scope of work and preliminary cost estimates for a feasibility study (FS) to evaluate cleanup alternatives for the Boat Channel (Site 12). The installation continued to pursue an early transfer with the City of San Diego.

In FY06, San Diego NTC met with the Regional Water Quality Control Board and received comments on a final remedial investigation (RI) report, and continued early transfer discussions with the City of San Diego. The installation also awarded a contract to determine the nature and sources of

contamination at the site, and to provide an assessment of potentially responsible parties.

In FY07, San Diego NTC continued discussions with the Regional Water Quality Control Board on the final RI report, and continued to pursue an early transfer with the City of San Diego. San Diego NTC reestablished the RAB.

In FY08, San Diego NTC held discussions with the Regional Water Quality Control Board and regulators on the assessment of potential risks to the environment in the RI and viable sediment cleanup criteria. The installation began an FS to evaluate sediment cleanup alternatives for the Boat Channel (Site 12).

FY09 IRP Progress

San Diego NTC continued work on an FS to evaluate sediment cleanup alternatives for the Boat Channel (Site 12).

FY09 MMRP Progress

San Diego NTC has identified no MMRP sites.

Plan of Action

Plan of action items for San Diego Naval Training Center are grouped below according to program category.

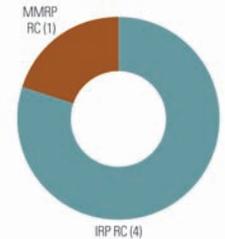
IRP

- Complete the FS for the Boat Channel (Site 12) and begin the proposed plan in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	IL59799F217200	Funding to Date:	\$ 11.3 million
Location (Size):	Carterville, Illinois (43,000 acres)	Est. CTC (Comp Year):	\$ 1.6 million (FY 2004)
Mission:	Manufactured and loaded ordnance for shipping	IRP Sites (Final RIP/RC):	4 (FY2004)
HRS Score:	43.70; placed on NPL in July 1987	MMRP Sites (Final RIP/RC):	1 (FY2003)
IAG Status:	IAG signed in September 1991	Five-Year Review Status:	Completed
Contaminants:	Organic solvents, inorganic compounds, PAHs, PCBs, munitions, heavy metals, VOCs, explosives, SVOCs, propellants	IRP/MMRP Status Table:	Refer to page C-8-20
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

The former Illinois Ordnance Plant, which operated from 1942 to 1945, is located on the eastern portion of the U.S. Fish and Wildlife Service's (FWS's) Crab Orchard National Wildlife Refuge. The ordnance plant served as a manufacturing and loading site for high-explosive shells, bombs, and other weapons components. The installation initially identified 33 areas that required further investigation. The Army grouped these areas into four operable units (OUs): the Polychlorinated Biphenyls (PCBs) OU, the Metals OU, the Miscellaneous Area OU, and the Explosives and Munitions Manufacturing Area OU. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in September 1991, to outline how they were going to proceed with cleanup. The FWS established a technical working group in FY00 consisting of FWS, EPA, Illinois EPA, and the U.S. Army Corps of Engineers (USACE). To ensure continuous monitoring and improvement, USACE completed a five-year review report in FY07.

In FY96, USACE began fieldwork for the munitions and explosives of concern (MEC) engineering evaluation and cost analysis. In FY98, USACE started cleanup actions for MECs at the Explosives and Munitions Manufacturing Area OU; activities were completed in FY01. Cleanup progress for Sangamo Electric Dump/Crab Orchard National Wildlife Refuge for FY05 through FY08 is summarized below.

In FY05, USACE performed long term-management (LTM) through two rounds of groundwater monitoring in the Explosives and Munitions Manufacturing Area OU. The technical working group continued to hold meetings regarding potentially responsible parties (PRPs), who may share responsibility for environmental cleanup at this property.

In FY06, USACE continued LTM by performing two rounds of groundwater monitoring in the Explosives and Munitions Manufacturing Area OU. Based on Illinois EPA concerns, USACE installed three wells to further assist in defining the contaminated areas. USACE started preparing a draft inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP), particularly a

new land mine discovery. The technical working group continued to hold meetings regarding PRP sites.

In FY07, USACE continued LTM by performing two rounds of groundwater monitoring in the Explosives and Munitions Manufacturing Area OU. USACE also completed a five-year review report for the entire property, one cleanup project for hazardous waste, and one MMRP project. The technical working group continued to hold meetings regarding PRP sites.

In FY08, USACE continued LTM by performing two rounds of groundwater monitoring in the Explosives and Munitions Manufacturing Area OU. The technical working group continued to hold meetings regarding PRP sites.

FY09 IRP Progress

USACE continued LTM at the Explosives and Munitions Manufacturing Area OU. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues between the Department of the Interior and the Department of the Army delayed completion of the PRP inventory project report.

USACE attended two technical working group meetings.

FY09 MMRP Progress

Administrative issues delayed the completion of the revised MMRP inventory project report and also delayed the determination of realignment applicability of the Sangamo Electric Dump and Crab Orchard National Wildlife Refuge.

Plan of Action

Plan of action items for Sangamo Electric Dump/Crab Orchard National Wildlife Refuge are grouped below according to program category.

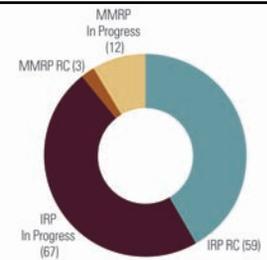
IRP

- Complete PRP inventory project report in FY10.
- Complete revision of plan for potentially new investigations in FY10.
- Attend both technical working group meetings in FY10.

MMRP

- Complete MMRP realignment process in FY10.
- Complete MMRP project revision in FY10.
- Update LTM sampling plan in FY11.

FFID:	IL521382080300	Funding to Date:	\$ 119.4 million
Location (Size):	Savanna, Illinois (13,062 acres)	Est. CTC (Comp Year):	\$ 105.2 million (FY 2045)
Mission:	Receive, store, and demilitarize ammunition; manufacture ammunition-specific equipment	IRP Sites (Final RIP/RC):	126 (FY2018)
HRS Score:	42.20; placed on NPL in March 1989	MMRP Sites (Final RIP/RC):	15 (FY2017)
IAG Status:	IAG signed in FY1989	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	Explosives, metals, solvents, POLs, VOCs, SVOCs, propellants	IRP/MMRP Status Table:	Refer to page C-6-82
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Savanna Army Depot (AD) began operation in 1917 as the Savanna Proving Grounds. During the 1920s, the mission changed to include storage, receipt, issuance, demilitarization, and renovation of ammunition. Contaminated areas include landfills; the open burning and open detonation ground; the fire training area; and ammunition load, assemble, and pack facilities. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed an interagency agreement (IAG) in FY89 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closure of the Savanna Depot Activity and relocation of the Army Defense Ammunition Center and School to McAlester Army Ammunition Plant in Oklahoma. In FY96, Savanna AD formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the installation completed a BRAC cleanup plan to prioritize sites requiring environmental restoration, and updated it in FY04, FY05, and FY08. In FY96, Savanna AD formed a Restoration Advisory Board (RAB) to discuss the installation’s cleanup progress with the community.

To date, Savanna AD and regulators have signed one Record of Decision (ROD). The installation has also transferred approximately 4,507 acres of land. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Savanna AD for FY05 through FY08 is summarized below.

In FY05, Savanna AD completed remedial investigations (RIs) for three major areas of the Depot. Savanna AD awarded a performance-based contract (PBC) for nine sites. The installation also completed a report summarizing the environmental condition of transferable property and found 515 acres suitable for transfer to the local redevelopment authority. Savanna AD started the RI and feasibility study (FS) to evaluate cleanup alternatives for MMRP sites. The installation updated the BRAC cleanup plan.

In FY06, the installation awarded the PBC for Parcel 11A and found the property suitable for transfer to the local redevelopment authority. The installation also found all the

remaining local redevelopment authority properties suitable for early transfer. Savanna AD and the local redevelopment authority addressed comments from regulators to determine whether early transfer was possible. Under the MMRP, Savanna AD completed cleanup of Site 82SS; fieldwork at the Old Burning Grounds; and the munitions and explosives of concern (MEC) investigation of Zone F (local redevelopment authority [LRA] Parcel 6), the Primm’s Pond area, the River Road Strip, and the central portion of the 75-mm Graze Impact Range (E Area). Preliminary findings indicated that further cleanup was needed at the River Road Strip and Graze Impact Range. Savanna AD completed the removal action project for Sites 15/33 by sifting and treating lead-contaminated soil, debris, and small arms ammunition.

In FY07, the local redevelopment authority withdrew its request for early transfer. Savanna AD completed a report regarding the environmental condition of property for the U.S. Fish and Wildlife Service (FWS) Parcels 8A, 8C, and 9. The installation found the local redevelopment authority Parcels 6 and 15A suitable for transfer. Under the MMRP, the installation completed fieldwork for the MEC investigation at the 155-mm high explosives Impact Range, the Grenade Burial Area, and the A Area Detonation Pits. PBC contractors developed the work plan for the decontamination of explosives-contaminated buildings and submitted the plan to the DoD Explosives Safety Board for review.

In FY08, Savanna AD completed the transfer Parcels 6 and 15A to the local redevelopment authority. Savanna AD also completed several RI projects and began several FSs. The installation decontaminated 13 buildings. Under the MMRP, Savanna AD completed the MEC removal at Zone L, two soil removal actions at Sites 155 and 186, and began a follow-on MEC investigation project for additional sections of the Graze Impact Range. The installation updated the BRAC cleanup plan.

FY09 IRP Progress

Savanna AD transferred FWS Parcel 8A to FWS, and completed the RI fieldwork and report for Site 1. The installation completed the building decontamination project and project closeout documents for Sites 155 and 186. Savanna AD also removed 2 underground storage tanks at the depot service

station and closed 24 groundwater monitoring wells. Savanna AD completed the FS, proposed plan, and draft ROD for Sites 44 (Nitric Acid Storage Area), 111 (Outdoor Washout Plant), 192 (Manganese Ore Pile), and for 22 sites which required no further cleanup action. Additionally, the installation completed the FS for the Lower Post Groundwater and the focused FS for land use controls, which restrict use of the Plant Area.

Technical issues delayed the transfer of FWS Parcel 8C to FWS. Administrative issues delayed the transfer of FWS Parcel 9, local redevelopment authority Parcel 14, and local redevelopment authority Sewage Treatment Plant Parcel to the local redevelopment authority.

FY09 MMRP Progress

Savanna AD completed the Phase I MEC investigation on the Upper Function Test Range and Phase II MEC investigation of the expanded 75-mm Graze Impact Range. The installation also began the MEC investigation at Site 50.

Plan of Action

Plan of action items for Savanna Army Depot are grouped below according to program category.

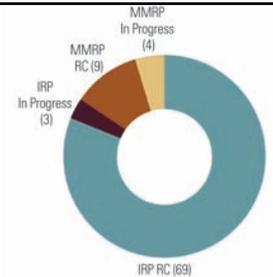
IRP

- Complete transfer of FWS Parcels 8C and 9, LRA Parcel 14 and LRA Sewage Treatment Plant Parcel in FY10.
- Complete fieldwork on Sites 111 and 192 in FY10-FY11.
- Begin the RI on Site 226, J-609 (Open Burn Area) in FY10-FY11.
- Begin the removal action at the Cosmoline Burial Pits in FY10-FY11.

MMRP

- Complete the MEC investigation for the Site 29 90-mm Case Test Area in FY10-FY11.

FFID:	NY221382083000	Funding to Date:	\$ 103.5 million
Location (Size):	Romulus, New York (10,594 acres)	Est. CTC (Comp Year):	\$ 29.0 million (FY 2022)
Mission:	Received, stored, distributed, maintained, and demilitarized conventional ammunition, explosives, and special weapons	IRP Sites (Final RIP/RC):	72 (FY2010)
HRS Score:	37.30; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	13 (FY2013)
IAG Status:	FFA signed in January 1993	Five-Year Review Status:	Planned
Contaminants:	Heavy metals, radioactive isotopes, petroleum hydrocarbons, VOCs, SVOCs, chlorinated solvents, radioactive materials	IRP/MMRP Status Table:	Refer to page C-6-124
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

During its operation, Seneca Army Depot (AD) stored munitions and supplies, and distributed them to the Army. The installation's operations included demilitarization and disposal of munitions and explosives of concern. Since FY78, environmental studies identified the following sites or site types: an open burning ground, an ash landfill, other landfills, low-level radioactive waste burial grounds, underground storage tanks, spill areas, fire training areas, and munitions disposal areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1993 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closing Seneca AD, except for an enclave to store hazardous materials and ores. In FY96, the installation established a BRAC cleanup team to develop a process for cleanup at Seneca AD. In September 2000, the installation closed. In FY96, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). The community formed a local reuse authority and began developing a land reuse plan.

To date, Seneca AD has transferred 9,808 acres, including 6,981 acres of MMRP sites. The installation has signed 14 Records of Decision (RODs), selecting cleanup actions at 65 areas of concern. The installation also has signed a ROD requiring no further cleanup actions at 22 sites. In FY94, the installation completed a solid waste management classification study, identifying 72 solid waste management units. Thirty-six units required no further cleanup action or completion reports, 8 required removal actions, and 28 required remedial investigations and feasibility studies, to evaluate cleanup alternatives. The installation also achieved RCRA closure at two sites. In FY03, Seneca AD completed an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. The installation has completed cleanup at nine MMRP sites. Cleanup progress at Seneca AD for FY05 through FY08 is summarized below.

In FY05, Seneca AD completed one ROD and transferred 967 acres of property. The installation developed a second ROD

that addressed 14 sites. The installation also completed three interim cleanup actions and began a cleanup project that used mulch to treat groundwater contaminated with trichloroethylene (TCE). Seneca AD completed a site inspection and began interim cleanup actions at three MMRP sites. The RAB met quarterly.

In FY06, Seneca AD awarded a performance-based contract to complete construction of cleanup systems and to complete cleanup at six sites. Seneca AD completed cleanup at two sites. The installation also completed a ROD for four sites, including two sites with munitions and CERCLA hazardous substances. The installation addressed concern about residual chemical contamination at three MMRP sites. The RAB met quarterly.

In FY07, Seneca AD completed cleanup at two sites and an interim cleanup action at one site. The installation completed a ROD for 17 sites. Seneca AD also completed interim cleanup actions and prepared closeout documents for three MMRP sites. The installation prepared a ROD for MMRP sites with CERCLA hazardous substances.

In FY08, Seneca AD completed the deed transfer and associated environmental easement of 967 acres. The installation signed two RODs for four sites and completed cleanup at two of these sites. Seneca AD completed cleanup and began long-term management (LTM) at two MMRP sites. The RAB met quarterly.

FY09 IRP Progress

Seneca AD completed the ROD for Sites 1, 2, 5, 24, 48, and the design for cleanup at Sites 1, 2, and 5. The installation also completed cleanup actions at Sites 4, 5, and 38. Sites 4 and 38 were combined for tracking purposes. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed completion of the ROD and the cleanup for Site 12. Contractual issues delayed site closure at Sites 11, 24, 48, and 59. Administrative issues delayed completing cleanup actions at Site 70.

The RAB continued to meet quarterly.

FY09 MMRP Progress

Seneca AD reevaluated cost and methodology for the planned removal action at Site 6 R. The installation continued LTM at Site 1 R (formerly Site 16 which was combined with Site 17).

Regulatory issues delayed completion of the ROD for Sites 2 R, 3 R, and 7 R.

Plan of Action

Plan of action items for Seneca Army Depot are grouped below according to program category.

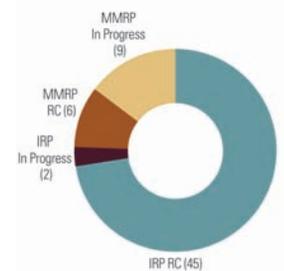
IRP

- Complete ROD and cleanup actions for Site 12 in FY10.
- Perform cleanup actions at Sites 6 and 25 in FY10.
- Perform annual monitoring of land use controls, which restrict use of and access to the Industrial Area, in FY10.
- Close Sites 11, 24, 48, and 59 in FY10.
- Complete cleanup actions at Site 70 in FY10.
- Complete the five-year review report in FY11.

MMRP

- Complete ROD for Sites 2 R, 3 R, and 7 R in FY10.
- Begin the three-year removal action at Site 6 R in FY10.
- Continue LTM at Site 1 R in FY10.
- Address regulatory concern over residual risk at MMRP sites in FY10-FY11.

FFID:	CA921382084300	Media Affected:	Groundwater, Sediment, Soil
Location (Size):	Herlong, California (37,977 acres)	Funding to Date:	\$ 89.4 million
Mission:	Provide world-wide expeditionary logistics support for the defenders of our Nation through: Long-term Storage, Maintenance, Care of Supplies in Storage Reset, and Container management, while embracing the Army values	Est. CTC (Comp Year):	\$ 96.8 million (FY 2017)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	47 (FY2011)
IAG Status:	FFA signed in May 1991	MMRP Sites (Final RIP/RC):	15 (FY2017)
Contaminants:	Petroleum products, solvents, explosives, metals, VOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-20



Progress To Date

Sierra Army Depot (AD) provides logistics support, long-term storage, and maintenance. The mission resulted in contamination from burn trenches, explosives leaching beds, landfills, burial sites, spill sites, sewage lines, underground storage tanks, sumps, and fire training areas. Primary contaminants in soil and groundwater include trichloroethylene (TCE), petroleum products, and explosives. DoD and EPA signed a federal facility agreement (FFA) in May 1991 to outline how they were going to proceed with cleanup. The 1995 BRAC Commission recommended realignment of Sierra AD; the 2005 BRAC Commission recommended further realignment of Sierra AD. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the installation published the BRAC cleanup plan to prioritize sites requiring environmental restoration. The installation established a Restoration Advisory Board (RAB) to discuss cleanup progress with the community in FY97. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY02 and FY07.

To date, Sierra AD has completed Records of Decision (RODs), selecting cleanup actions for 22 sites; 12 require no further cleanup action. Ongoing operations include groundwater treatment at four sites (two sites operate with pilot systems) and a soil vapor extraction system (SVE) at the Defense Reutilization and Marketing Office (DRMO) Trench Area. The installation has transferred approximately 62,636 acres. Sierra AD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Sierra AD for FY05 through FY08 is summarized below.

In FY05, Sierra AD signed a ROD for the Upper Burning Grounds, Old Popping Furnace, and Building 79 Yard. The installation injected biological enhancements to treat groundwater at four sites. Sierra AD completed the Honey Lake Demolition Area engineering evaluation and cost analysis, and the cleanup at the East Shore area. The pump-and-treat system and the SVE system continued operations. Under the MMRP, Sierra AD completed the site inspection (SI) for all inactive sites, with the exception of the recently identified Upper

Burning Grounds Area. The installation also transferred the remaining 136 acres, and renewed its RAB charter.

In FY06, Sierra AD constructed two corrective action management units at Hansen's Hole and the Old Popping Furnace. The installation conducted enhanced reductive dechlorination, which degrades contaminants by injecting carbon into groundwater, at four sites and continued SVE. Sierra AD completed a soil removal action at Building 79, continued cleanup using natural processes at the TNT area, and received regulatory approval of the cleanup plan for the Honey Lake Demolition Range. The installation completed the SI for seven active MMRP sites, two of which required no further cleanup action.

In FY07, Sierra AD continued SVE and completed a five-year review report for DRMO. Sierra AD completed a feasibility study (FS) to evaluate cleanup alternatives at the Abandoned Landfill, and issued a proposed plan for public comment. The installation constructed and began operating a pilot SVE system at Building 210. Sierra AD continued enhanced reductive dechlorination efforts at four sites. Under the MMRP, the installation conducted an SI at the Upper Burning Grounds Area. Based on a review of historical records, Sierra AD added and then inspected two MMRP sites.

In FY08, Sierra AD continued SVE. The installation completed the ROD, installed cleanup systems, and completed cleanup at the Abandoned Landfill. The installation continued enhanced reductive dechlorination efforts at four sites. Under the MMRP, Sierra AD addressed munitions contamination at the Upper Burning Grounds and two new sites, and completed the final SI report for these sites. The installation implemented institutional controls, which minimized the potential for human exposure, on the BRAC Dry Lake Area of Honey Lake.

FY09 IRP Progress

Sierra Army Depot continued enhanced reductive dechlorination. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed completion of the ROD for Building 210.

FY09 MMRP Progress

Sierra AD developed a work plan for the Upper Burning Grounds, Stacy Sites, and Bureau of Land Management Sites. The installation completed additional investigative efforts at Upper Burning Grounds. Due to harsh geographic terrain, Sierra AD ended the pilot project to determine the feasibility of mechanical removal of munitions and explosives of concern.

Plan of Action

Plan of action items for Sierra Army Depot are grouped below according to program category.

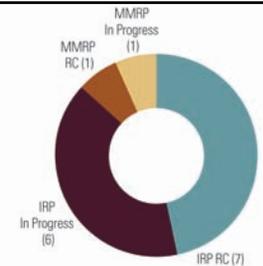
IRP

- Complete the ROD for the off-site Building 210 in FY10.
- Continue enhanced reductive dechlorination at four sites in FY10-FY11.
- Install on- and off-site groundwater treatment system in FY10-FY11.

MMRP

- Prepare contracts to cleanup eight MMRP sites in FY10-FY11.
- Gain regulatory approval of work plan for the Upper Burning Grounds in FY10-FY11.

FFID:	MA117002202200	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Weymouth, Massachusetts (2,094 acres)	Funding to Date:	\$ 59.7 million
Mission:	Provided logistical support for Reserve units and the Marine Air Reserve Training Detachment South Weymouth	Est. CTC (Comp Year):	\$ 26.2 million (FY 2039)
HRS Score:	50.00; placed on NPL in May 1994	IRP Sites (Final RIP/RC):	13 (FY2013)
IAG Status:	FFA signed in November 1999	MMRP Sites (Final RIP/RC):	2 (FY2008)
Contaminants:	UXO, VOCs, SVOCs, hydrocarbons, industrial wastes, solvents, petroleum, acids, paints, metals, photographic chemicals, explosives and propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-100



Progress To Date

Prior to closure, South Weymouth Naval Air Station (NAS) provided logistical support for reserve units and the Marine Air Reserve Training Detachment South Weymouth. Prominent contaminated site types include landfills, underground storage tanks, a tank farm storing jet fuel, sewage treatment facilities, a rubble disposal area, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in April 2000 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closure of the South Weymouth NAS. The installation formed a BRAC cleanup team in FY92 to develop a process for cleanup of sites. Operations transferred to Brunswick NAS, and the installation closed in September 1997. Formed in FY92, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. In FY92, South Weymouth NAS established an administrative record and four information repositories, and also completed its community relations plan, which was updated in August 1998. The RAB received a technical assistance for public participation grant in FY99.

The installation has completed Records of Decision (RODs) selecting cleanup actions for Sites 1 through 5, 7, and 8, and Areas of Concern (AOCs) 4A, 8, 53, and 55D. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at South Weymouth NAS for FY05 through FY08 is summarized below.

In FY05, South Weymouth NAS collected supplemental groundwater data for the Site 5 proposed plan (PP), which determined that no further cleanup actions were necessary. The installation completed a revised reuse plan, which the local redevelopment authority and affected communities adopted. The State of Massachusetts issued corrective action demands for Sites 3 and 4, and the installation began cleanup efforts. South Weymouth NAS submitted a revised draft final PP for Site 1 after approval of the revised reuse plan.

In FY06, South Weymouth NAS signed the Site 5 ROD, and completed cleanup at Site 2. The installation issued the draft final feasibility study (FS), which evaluated cleanup alternatives for Site 7. Additionally, South Weymouth NAS began the design for cleanup for Site 3 and completed the required state regulation cleanup at Site 4. Under the MMRP, the installation completed a removal action for Unexploded Ordnance (UXO) 1.

In FY07, South Weymouth NAS finalized the PP and signed the ROD for Site 1. The installation also finalized the FS and PP for Site 7.

In FY08, South Weymouth NAS completed RODs for Site 7 and AOCs 4A, 8, 53, and 55D. Under the MMRP, South Weymouth NAS completed the UXO surface clearance of all beaches and accessible areas. The installation held seven RAB meetings, and the BRAC cleanup team met bimonthly to expedite closeout.

FY09 IRP Progress

South Weymouth NAS began a design for cleanup for Site 1. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the completion of a design for cleanup for Site 1, and remedial investigation (RI) /FSs for Sites 9, 10, and 11. Administrative issues delayed completion of the design for cleanup for Site 3.

FY09 MMRP Progress

South Weymouth NAS issued the draft FS for UXO 1 for comment.

Administrative issues delayed the completion of the FS, PP and ROD for UXO 1. Technical issues delayed the implementation of land use controls (LUCs) for UXO 1, which restrict use of access to the site.

Plan of Action

Plan of action items for South Weymouth Naval Air Station are grouped below according to program category.

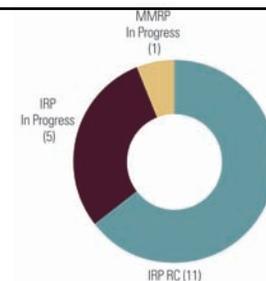
IRP

- Complete supplemental investigations for Sites 9, 10, and 11, and issue final RI/FSs in FY10.
- Complete design for cleanup for Sites 1 and 3 in FY10.
- Complete RODs and decision documents for one AOC and six review item areas in FY10-FY11.
- Complete cleanup actions at Site 1 in FY10-FY11.

MMRP

- Complete the FS, PP, and ROD for UXO 1 in FY10.
- Implement LUCs for UXO 1 in FY10.

FFID:	VA317002758100	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Chesapeake, Virginia (490 acres)	Funding to Date:	\$ 19.7 million
Mission:	Provide radar testing range and various administrative and warehousing facilities for the nearby Norfolk Naval Shipyard and other local Navy activities	Est. CTC (Comp Year):	\$ 14.3 million (FY 2039)
HRS Score:	50.0; placed on NPL in August 2000	IRP Sites (Final RIP/RC):	16 (FY2016)
IAG Status:	FFA signed in July 2004	MMRP Sites (Final RIP/RC):	1 (FY2010)
Contaminants:	Pesticides, heavy metals, SVOCs, solvents, explosives, VOCs, propellants, radioactive materials	Five-Year Review Status:	Underway
		IRP/MMRP Status Table:	Refer to page C-6-174



Progress To Date

The St. Juliens Creek Annex has been used since 1849 for storing, loading, assembling, issuing, and receiving naval ammunition. Currently, St. Juliens Creek Annex provides a radar testing range and various administrative and warehousing facilities for the nearby Norfolk Naval Shipyard and other local Navy activities. Contamination resulted from past handling of and operations involving hazardous materials. The initial assessment study revealed low concentrations of ordnance materials throughout the installation. The potential risk to human health and the environment was significant enough for EPA to place the facility on the NPL in August 2000. In 2004, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The installation established an administrative record in FY99, formed a Restoration Advisory Board in FY00 to discuss cleanup progress with the community, and completed a community relations plan in FY01.

The installation has completed a Record of Decision (ROD) for Site 6 in FY03, Site 4 in FY04, and Site 3 in FY06, which selected cleanup actions for these sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at St. Juliens Creek Annex for FY05 through FY08 is summarized below.

In FY05, the installation completed the final proposed cleanup plan and draft ROD for Site 3. The installation also completed the final specifications, work plan, basis of design, and construction of the soil cover for Site 4. St. Juliens Creek Annex completed the final supplemental site inspection (SI) report for Site 19. St. Juliens Creek Annex also conducted the SI screening and completed a work plan for additional groundwater delineation activities at Site 21. The installation awarded a contract for removal actions at highly contaminated areas, finalized the contaminated source document for the southern branch of the Elizabeth River watershed, and implemented engineering controls at various Installation Restoration Program (IRP) sites. The installation developed a draft community relations plan.

In FY06, St. Juliens Creek Annex completed cleanup actions, a cleanup completion report, a groundwater monitoring plan, and designed a land use control, which will restrict access to Site 4. The installation completed a final expanded remedial investigation (RI) for Site 5 and a ROD for Site 3. Additionally, St. Juliens Creek Annex completed a final engineering evaluation and cost analysis, action memorandum, interim cleanup action, and construction closeout report at Site 19.

In FY07, St. Juliens Creek Annex implemented a Triad approach at Site 2 to fully delineate the contamination. The installation also completed the Site 19 closeout report, and an additional investigation at Site 21 which completely separated the contaminated groundwater and its impact on the stormwater sewer system.

In FY08, St. Juliens Creek Annex completed the draft expanded RI report for Site 2, the final RI report and draft feasibility study (FS) to evaluate cleanup alternatives for Site 21, and the explosive safety submission and assessment of potential risks to human health for Site 5. The installation also began an Environmental Security Technology Certification Program pilot study at Site 21, and a removal action at Site 5. Under the MMRP, St. Juliens Creek Annex identified one site, Unexploded Ordnance (UXO) 001, and awarded a contract for its preliminary assessment (PA).

FY09 IRP Progress

St. Juliens Creek Annex completed the final expanded RI and draft FS for Site 2. The installation also completed an FS, proposed cleanup plan, and draft ROD for Site 21 interim groundwater cleanup. St. Juliens Creek Annex completed a two-year voluntary groundwater monitoring program for Site 4, and agreed to an additional monitoring event to track trends. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of the final FS and proposed cleanup plan for Site 2. Regulatory issues delayed completion of the final ROD for Site 21 interim groundwater cleanup. Technical issues delayed completion of the interim cleanup action for Site 5.

FY09 MMRP Progress

St. Juliens Creek Annex completed the PA for UXO 001.

Plan of Action

Plan of action items for St. Juliens Creek Annex are grouped below according to program category.

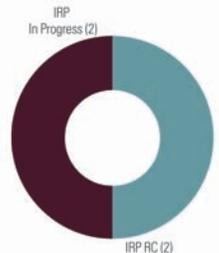
IRP

- Complete a five-year review report in FY10.
- Complete FS, proposed cleanup plan, and ROD for Site 2 in FY10.
- Complete interim cleanup action and proposed cleanup plan for Site 5 in FY10.
- Complete ROD and design for cleanup for Site 21 interim groundwater in FY10.

MMRP

- Complete SI for UXO 001 in FY10.

FFID:	CT121382292400	Funding to Date:	\$ 18.6 million
Location (Size):	Stratford, Connecticut (77 acres)	Est. CTC (Comp Year):	\$ 30.7 million (FY 2020)
Mission:	Manufactured engines for heavy armor vehicles and rotary wing aircraft	IRP Sites (Final RIP/RC):	4 (FY2020)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	PCBs, asbestos, fuel-related VOCs, solvents, metals, PAHs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-50
Media Affected:	Groundwater, Sediment, Soil		



Progress To Date

Stratford Army Engine Plant formerly manufactured engines. Contaminated site types at the installation include transformers, underground storage tanks, sludge lagoons, a fire training and explosives equipment testing area, hazardous materials and hazardous waste storage areas, and buildings constructed with material containing asbestos. Studies show that contaminants include polychlorinated biphenyls (PCBs), fuel-related volatile organic compounds (VOCs), solvents, metals, polyaromatic hydrocarbons (PAHs), and asbestos. In July 1995, the BRAC Commission recommended closure of the Stratford Army Engine Plant, and it closed in 1998. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Stratford Army Engine Plant. The installation drafted a BRAC cleanup plan to prioritize sites requiring environmental restoration, and updated the plan in FY97 and FY99. In FY96, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. The community formed a local redevelopment authority to address socioeconomic issues related to the closure of the installation, and to develop a land reuse plan. Stratford Army Engine Plant also implemented a community relations plan, which included the establishment of an on-site public information repository.

Interim cleanup actions at the installation required the removal of 27 underground storage tanks, the capping of 3 sludge lagoons, and the removal of chromium-contaminated soil. In FY02, Stratford Army Engine Plant conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Stratford Army Engine Plant for FY05 through FY08 is summarized below.

In FY05, the installation submitted the draft feasibility study (FS) and the proposed plan (PP), which outlined cleanup alternatives to address the potential risks associated with soil, soil vapor, and groundwater contamination.

In FY06, Stratford Army Engine Plant addressed comments from regulators on the FS and PP. The installation also addressed regulatory concerns regarding the assessment of potential risks to the environment documented in the remedial investigation (RI).

In FY07, Stratford Army Engine Plant began the process to transition to the private ownership of Hollywood East.

In FY08, Stratford Army Engine Plant continued the process of transitioning to private ownership. The installation updated and reapplied for the Coastal Zone Management Act determination, and completed a full property survey.

FY09 IRP Progress

Stratford Army Engine Plant completed the RI/FS. To facilitate property transfer, the installation entered into a RCRA stewardship permit agreement with the Connecticut Department of Environmental Protection. This agreement sets basic goals and the overall schedule for cleanup, and is transferable to the new owner (Hollywood East).

Administrative issues delayed completion of the PP and the Record of Decision (ROD), which will select cleanup actions for the remaining sites.

FY09 MMRP Progress

Stratford Army Engine Plant has identified no MMRP sites.

Plan of Action

Plan of action items for Stratford Army Engine Plant are grouped below according to program category.

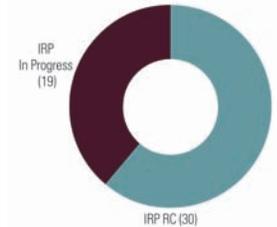
IRP

- Complete the PP and the ROD in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	OK657172439100	Est. CTC (Comp Year):	\$ 46.7 million (FY 2023)
Location (Size):	Oklahoma City, Oklahoma (5,041 acres)	IRP Sites (Final RIP/RC):	49 (FY2008)
Mission:	Repair aircraft, weapons, and engines	MMRP Sites (Final RIP/RC):	None
HRS Score:	42.24; placed on NPL in July 1987	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in December 1988	IRP/MMRP Status Table:	Refer to page C-6-138
Contaminants:	Organic solvents, heavy metals, petroleum, VOCs, SVOCs		
Media Affected:	Groundwater, Surface Water, Sediment, Soil		
Funding to Date:	\$ 222.2 million		



Progress To Date

The mission of Tinker Air Force Base (AFB) is to repair aircraft, weapons, and engines. Environmental studies at Tinker AFB revealed a 220-acre contaminated area in the upper aquifer at Soldier Creek and Building 3001. Additional sites at Tinker AFB include landfills, underground storage tanks (USTs), waste pits, fire training areas, spill sites, and low-level radioactive waste sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. The NPL designation consists of the Building 3001 and Soldier Creek sites. DoD and EPA signed a federal facility agreement (FFA) in December 1988 to outline how they would proceed with cleanup. In 2005, the BRAC Commission recommended Tinker AFB for realignment. The installation formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Tinker AFB completed five-year review reports in FY99, FY03, and FY07.

To date, the installation has signed Records of Decision (RODs) which selected cleanup actions for Building 3001 and Soldier Creek. In FY05, the Air Force conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Tinker AFB for FY05 through FY08 is summarized below.

In FY05, Tinker AFB completed a Decision Document (DD), which selected the cleanup action at Storage Tank (ST) site 08 (four fuel sites). Tinker AFB also completed cleanup at ST 08. The installation required no further construction of cleanup systems at Groundwater Contamination (CG) site 38.

In FY06, Tinker AFB completed the study phases and DDs, and required no further construction of cleanup systems at the East Groundwater Management Unit (CG 39) and the Gator Facility Groundwater Management Unit (CG 40).

In FY07, Tinker AFB signed a ROD for the Soldier Creek off-base Groundwater Other (OT) site 05 and Operable Unit (OU) 03 and completed its third five-year review report for Building 3001 and Soldier Creek. The installation began an MMRP preliminary assessment (PA).

In FY08, Tinker AFB completed a corrective measures study and DD for Industrial Waste Pit (WP) 1 (WP 18). The installation completed all remaining study phases and DDs, and required no further construction of cleanup systems at all 40 Installation Restoration Program (IRP) sites. The installation completed the MMRP PA; no sites were identified.

FY09 IRP Progress

Tinker AFB continued operating and maintaining active recovery systems. The installation also continued sampling and analyzing cleanup systems using natural processes. Tinker AFB optimized all installed and operational cleanup systems and successfully operated and maintained all cleanup actions in accordance with RODs and DDs. The installation contracted a new feasibility study to evaluate options to address contamination at the NPL site. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Tinker AFB completed the modified PA and recommended five sites for inspection. The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

Plan of Action

Plan of action items for Tinker Air Force Base are grouped below according to program category.

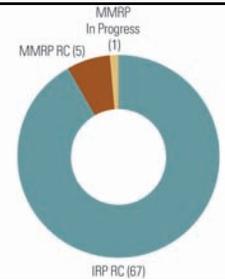
IRP

- Continue operating and maintaining active recovery systems in FY10.
- Continue optimizing all active cleanup systems in FY10.
- Update Building 3001 contaminated area status and risk assessment for the amended ROD in FY10.

MMRP

- Complete site inspections for five sites in FY10.

FFID:	PA321382089200	Funding to Date:	\$ 18.1 million
Location (Size):	Tobyhanna, Pennsylvania (1,296 acres)	Est. CTC (Comp Year):	\$ 2.0 million (FY 2011)
Mission:	Provide logistics for communications and electronics equipment	IRP Sites (Final RIP/RC):	67 (FY2005)
HRS Score:	37.93; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	6 (FY2011)
IAG Status:	IAG signed in September 1990	Five-Year Review Status:	Completed and planned
Contaminants:	Heavy metals, solvents, VOCs, PCBs, POLs, UXO	IRP/MMRP Status Table:	Refer to page C-7-46
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Tobyhanna Army Depot (AD) provides support for communications and electronics equipment. Identified contaminated sites include landfills, a disposal pit, underground storage tanks, burn areas, drum staging areas, a surface disposal area, a waste treatment plant, a spill site area, an unexploded ordnance (UXO) area, and a fire fighting training area. Contamination at these sites has included volatile organic compounds (VOCs), solvents, and heavy metals in groundwater; solvents, metals, polychlorinated biphenyls (PCBs), and petroleum/oil/lubricants (POLs) in surface water and sediment; and solvents, metals, PCBs, POLs, and UXO in soil. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in September 1990 to outline how they were going to proceed with cleanup. The 2005 BRAC commission recommended Tobyhanna AD for realignment. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community and, in FY98, the installation completed a community relations plan. To ensure continuous monitoring and improvement, Tobyhanna AD completed five-year review reports in FY02 and FY07.

Environmental studies beginning in FY80 have identified 65 areas of concern (AOCs) covering the entire installation; EPA partially delisted 62 of the AOCs from the NPL in FY01. Tobyhanna AD has completed six Records of Decision, which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Tobyhanna AD from FY05 through FY08 is summarized below.

In FY05, Tobyhanna AD issued the final site inspection (SI) report under the MMRP. Based on the recommendations in the SI report, the installation fenced off an additional 45 acres to control access to OU 4, and repaired the existing UXO fence.

In FY06, Tobyhanna AD continued to control access to OU 4 by maintaining the UXO fence and warning signs.

In FY07, Tobyhanna AD completed a five-year review report. The installation also continued to control access to OU 4 by maintaining the UXO fence and warning signs.

In FY08, Tobyhanna AD continued to control access to OU 4 by maintaining the UXO fence and warning signs. The installation began removing UXO on 29 acres based on recommendations from the BRAC 2005 realignment.

FY09 IRP Progress

Tobyhanna AD completed long-term groundwater monitoring at OUs 1, 5, and Area U, and began developing work plans for off-post sampling for vapor intrusion due to contaminated groundwater and soil. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Tobyhanna AD completed a UXO removal action on 27 acres based on the recommendations from the BRAC 2005 realignment. The installation continued to maintain UXO fence and warning signs, and continued to control access to OU 4. Tobyhanna AD also began the remedial investigation for the UXO removal action in support of a main gate expansion project.

Plan of Action

Plan of action items for Tobyhanna Army Depot are grouped below according to program category.

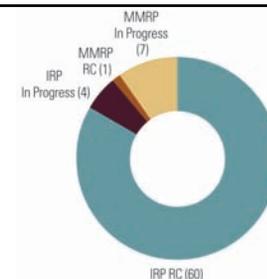
IRP

- Continue long-term groundwater monitoring at OUs 1, 5, and Area U in FY10.
- Complete off- post residential sampling for vapor intrusion and investigative study in FY10-FY11.

MMRP

- Begin UXO removal action to support main gate expansion project in FY10.
- Continue UXO removal action in support of the BRAC 2005 realignment in FY10-FY11.
- Continue to control access to OU 4 by maintaining UXO fence and warning signs in FY10-FY11.

FFID:	UT821382089400	Funding to Date:	\$ 126.2 million
Location (Size):	Tooele, Utah (24,732 acres)	Est. CTC (Comp Year):	\$ 37.7 million (FY 2016)
Mission:	Store and demilitarize munitions	IRP Sites (Final RIP/RC):	64 (FY2010)
HRS Score:	53.95; placed on NPL in August 1990	MMRP Sites (Final RIP/RC):	8 (FY2016)
IAG Status:	FFA signed in September 1991	Five-Year Review Status:	Completed
Contaminants:	Metals, VOCs, SVOCs, propellants, explosives, petroleum hydrocarbons, PCBs, solvents	IRP/MMRP Status Table:	Refer to page C-6-168
Media Affected:	Groundwater and Soil		



Progress To Date

Tooele Army Depot (AD) stores and demilitarizes munitions. Identified sites at Tooele AD include open burning and open detonation areas, ammunition demilitarization facilities, landfills, firing ranges, industrial sites, underground storage tanks, surface impoundments, and drain fields. Organic solvents and metals are the primary site contaminants. The potential risk to human health and the environment was significant enough for EPA to place Tooele AD on the NPL in August 1990. The Army and EPA signed a federal facility agreement (FFA) in September 1991 to outline how they were going to proceed with cleanup. The CERCLA FFA and a RCRA corrective action permit currently regulate Tooele AD's environmental restoration program. In 1993, the BRAC Commission recommended realignment of the Tooele AD maintenance missions with the installation retaining its conventional ammunition storage and demilitarization mission. During FY94, the installation formed a BRAC cleanup team and a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report for all sites in FY02.

To date, Tooele AD has completed four Records of Decision (RODs), which selected cleanup actions at seven operable units (OUs). The installation transferred 41 acres to the Tooele City Redevelopment Agency in FY96 and the remaining BRAC property (1,663 acres) in FY99. Tooele AD retained 23,610 acres for the conventional ammunition mission. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); seven sites were identified in the active portion of this installation. Cleanup progress at Tooele AD for FY05 through FY08 is summarized below.

In FY05, Tooele AD consolidated and capped lead-contaminated soil at the former Bomb Washout Facility, Solid Waste Management Unit (SWMU) 42, to complete cleanup action at the site. The installation also completed corrective measures consisting of soil and vegetation improvements at the former Sanitary Landfill, SWMUs 12 and 15. Tooele AD completed a soil cleanup project at the former Small Arms Firing Range.

In FY06, Tooele AD completed an evaluation of cleanup alternatives for addressing lead-contaminated soil at SWMU 6 and submitted the proposal for regulatory review. Under the MMRP, the installation completed a historical records review and prepared a project work plan for conducting a site inspection (SI).

In FY07, Tooele AD completed site recharacterization and reevaluation of the proposed cleanup at SWMU 56 and received regulatory approval. The installation completed fieldwork for the evaluation of groundwater cleanup actions at SWMU 2, and field activities as required by the RCRA facility investigation at SWMU 58. The installation also completed construction of the soil composting facilities. Tooele AD completed MMRP SI field activities for identified MMRP sites, prepared a draft SI report on findings, and presented it to the program stakeholders for review and comment.

In FY08, Tooele AD signed the ROD for OU 9, implemented corrective measures at SWMU 56, and gained approval of the site completion report. The installation completed site characterization and started evaluations of potential cleanup at SWMU 58. Tooele AD continued operation of the soil composting process at SWMU 10 and completed interim cleanup actions at SWMU 23 (OU 9). Tooele AD also finalized the MMRP SI report and obtained stakeholder approval. The installation also moved SWMU 6 from the Installation Restoration Program (IRP) to the MMRP to address munitions and explosives of concern and soil contamination concurrently.

FY09 IRP Progress

Tooele AD completed composting explosives-contaminated soil at SWMU 10. The installation started source area cleanup to remove vapor contaminants from the soil at SWMU 58. The installation also started a corrective measures study for groundwater contamination at SWMUs 2 and 58. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

FY09 MMRP Progress

Tooele AD awarded a contract to conduct remedial investigations (RIs) at six sites and remove lead-contaminated soils at the Old Burn Area (formerly SWMU 6).

Plan of Action

Plan of action items for Tooele Army Depot are grouped below according to program category.

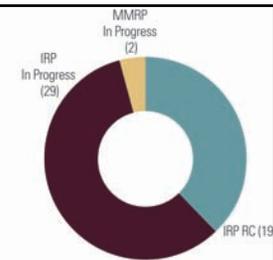
IRP

- Complete implementation of source area cleanup actions at SWMU 58 in FY10.
- Complete implementation of cleanup actions for groundwater contamination at SWMUs 2 and 58 in FY10.

MMRP

- Complete removal of lead-contaminated soil from the Old Burn Area (formerly SWMU 6) in FY10.
- Complete RIs at six sites in FY11.

FFID:	CA957182457500	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Solano County, California (6,383 acres)	Funding to Date:	\$ 114.0 million
Mission:	Provide air refueling and strategic airlift services	Est. CTC (Comp Year):	\$ 40.2 million (FY 2036)
HRS Score:	29.49; placed on NPL in November 1989	IRP Sites (Final RIP/RC):	48 (FY2011)
IAG Status:	FFA signed in September 1990; amended May 1993, October 1995, July 1996, November 1997, July 1998, December 2003, February 2005	MMRP Sites (Final RIP/RC):	2 (FY2014)
Contaminants:	VOCs, heavy metals, POLs, PAHs, SVOCs, TCE, solvents, pesticides, PCBs, BTEX	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-31



Progress To Date

Travis Air Force Base (AFB) was established in 1943. Contaminated sites include old landfills (LFs), a closed sewage treatment plant, four fire training (FT) areas, a cyanide disposal pit, solvent spill areas, a storm sewage drainage system, a pesticide disposal site, and a low-level radioactive waste burial site. Past activities at the installation resulted in the release of metals, pesticides, fuels, solvents, and petroleum/oils/lubricants (POLs), which migrated into the soil, sediment, surface water, and groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990, which was last updated in February 2005, to outline how Travis AFB was going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The installation received funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, Travis AFB completed five-year review reports in FY03 and FY08.

Cleanup activities at the installation were initially divided into four operable units (OUs), but were later regrouped by similar contaminants into two OUs. Travis AFB signed two interim Records of Decision (RODs) in 1997 and 1999, which selected interim groundwater cleanup actions for the two OUs. In addition, the installation signed a ROD in 2002 for soil cleanup at the West/Annexes/Basewide OU. Travis AFB also signed a ROD in 2006 for the North, East, and West Industrial OU and for soil, sediment, and surface water cleanup. The installation has completed all cleanup actions for soil sites in the West/Annexes/Basewide OU. In FY05, Travis AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Travis AFB for FY05 through FY08 is summarized below.

In FY05, Travis AFB completed the risk assessment for the North, East, and West Industrial OU sites and proposed cleanup actions for soil, sediment, and surface water. The installation held a public meeting to discuss regulatory agency comments on the proposed groundwater cleanup actions for the two OUs. The installation completed a draft final design for

cleanup at one North, East, and West Industrial OU soil site and awarded a contract for cleanup at five North, East, and West Industrial OU soil sites (Sediment [SD] Site 001, FT 003, FT 005, LF 007, and SD 033). Travis AFB began a preliminary assessment (PA) of the MMRP site. The installation held a public tour of on-base sites, and the RAB voted to meet twice per year based on the installation's cleanup progress.

In FY06, the installation signed a ROD for the North, East, and West Industrial OU and for soil, sediment, and surface water cleanup. The installation awarded a contract for soil cleanup at FT 004 and SD 045. Travis AFB installed a new extraction well at Disposal Pit (DP) 039 and three additional monitoring wells in the contaminated area downgradient from the site. In addition, the installation completed the tree planting study at the identified site. Under the MMRP, Travis AFB completed the PA. Travis AFB also held two partnering meetings per month and provided a tour to 10 members of the California Regional Water Quality Control Board.

In FY07, Travis AFB developed the designs for cleanup, quality program plans, and cleanup work plans for the remaining soil sites. The installation completed soil cleanup at SD 045, removing over 4,400 cubic yards of contaminated soil and restoring the site to residential cleanup levels. The installation began soil cleanup actions at FTs 003 and 004. Travis AFB held discussions with regulatory agencies to focus on the status of groundwater sites and planned efforts to ensure that all required cleanup systems are constructed at all sites. The installation began developing a statement of objectives for a performance-based contract that will install and launch cleanup systems at the remaining 19 groundwater sites. Travis AFB finalized the PA of the MMRP site.

In FY08, Travis AFB continued cleanup operation and monitoring efforts for groundwater and began the ROD for all groundwater at the base. The installation performed studies on the Central and North Groundwater Treatment Plants to determine the cleanup's effectiveness. Travis AFB developed and received regulatory approval on a North Groundwater Treatment Plant Optimization Technical Memorandum. The installation completed cleanup and the corresponding report for FT 003, FT 004, LF 007, and SD 045. FT 003, SD 045, and ST 028 required no further construction of cleanup

systems. Travis AFB also completed a second five-year review report.

FY09 IRP Progress

Travis AFB completed cleanup actions at SDs 001 and 033. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Administrative issues delayed the site inspection (SI).

Plan of Action

Plan of action items for Travis Air Force Base are grouped below according to program category.

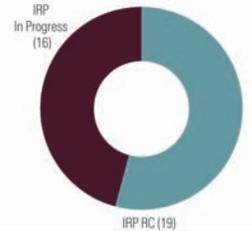
IRP

- Complete feasibility study to determine cleanup alternatives for remaining groundwater sites in FY10.
- Complete proposed plan and begin ROD for remaining groundwater sites in FY10.

MMRP

- Complete the SI in FY10.

FFID:	CA917002333000	Funding to Date:	\$ 153.3 million
Location (Size):	Treasure Island, California (1,075 acres)	Est. CTC (Comp Year):	\$ 30.8 million (FY 2032)
Mission:	Provide services and materials to support units of operating forces and shore activities	IRP Sites (Final RIP/RC):	35 (FY2015)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFSRA signed in September 1992	Five-Year Review Status:	Planned
Contaminants:	Petroleum hydrocarbons, VOCs, SVOCs, chlorinated solvents, metals, pesticides, PCBs, explosives, propellants	IRP/MMRP Status Table:	Refer to page C-6-27
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Treasure Island Naval Station (NS) provides services and materials to support units of operating forces and shore activities. Contamination is largely the result of migration of petroleum products from fueling operation areas and disposal of waste materials. Sites include former fire training areas, a landfill, a former dry cleaning facility, an old bunker area, fuel farms, a service station, and a waterline replacement area. DoD and EPA signed a federal facility site remediation agreement (FFSRA) in September 1992 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of Treasure Island NS with relocation of the Naval Reserve Center and the Naval Technical Training Center. The installation completed operational closure in September 1997. In FY92, the installation established two information repositories and an administrative record, and completed a community relations plan, which was updated in FY02 and FY08. Formed in FY92, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. The RAB received a technical assistance for public participation grant in FY99.

To date, the installation has signed Records of Decision (RODs) for Sites 30 and 31, which selected cleanup actions for those sites. The installation also signed five RODs requiring no further action at Sites 9, 10 and 13. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Treasure Island NS for FY05 through FY08 is summarized below.

In FY05, Treasure Island NS received regulatory concurrence that no further cleanup actions were necessary at four petroleum sites. The installation also completed the RI reports for Sites 9, 10, and 30, and a groundwater investigation at Site 33. Treasure Island NS signed a ROD requiring no further action for Site 13 off-shore sediments. The installation installed a groundwater pilot study for cleanup using natural processes at Site 21.

In FY06, Treasure Island NS obtained regulatory concurrence for closure of Petroleum Pipeline D 1B groundwater, and

installation restoration Site 7. The installation completed Proposed Plans (PPs) requiring no action for Sites 9 and 10. The installation also completed the historical radiological assessment for the base, a radiological survey in Building 233, and the supplemental Environmental Baseline Survey to determine the presence of potential environmental hazards. The installation also found portions of Treasure Island and Yerba Buena Island suitable for transfer.

In FY07, Treasure Island NS completed the Site 21 RI report, the feasibility studies (FSs) to evaluate cleanup alternatives for Sites 30 and 31, and the Site 12 engineering evaluation and cost analysis and action memorandum. The installation also completed the screening level assessment of potential risks to the environment. Additionally, Treasure Island NS signed RODs requiring no action for Sites 9 and 10.

In FY08, Treasure Island NS completed a combined RI/FS for Site 24, an RI report for Site 32, and PPs for Sites 30 and 31. Treasure Island NS updated the community relations plan.

FY09 IRP Progress

Treasure Island NS completed and obtained regulatory concurrence on final radiological status surveys for Buildings 343 and 344. The installation completed an FS for Site 21; RI reports for Sites 8, 28, and 29; and signed RODs for Sites 30 and 31. Treasure Island NS began Toxic Substance Control Act polychlorinated biphenyls (PCB) soil cleanup at Site 32, and a design for cleanup at Site 31. The installation continued the removal action at three Solid Waste Disposal Areas in Site 12. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed closure of Petroleum Site 25, and completion of the Site 11 interim RI. Technical issues delayed completion of radiological fieldwork for the sewer drain systems associated with Building 233, and completion of an RI at Site 33.

FY09 MMRP Progress

Treasure Island NS has identified no MMRP sites.

Plan of Action

Plan of action items for Treasure Island Naval Station are grouped below according to program category.

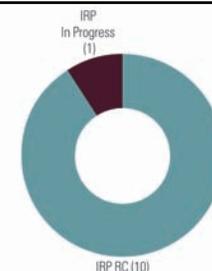
IRP

- Obtain regulatory concurrence for closure of Petroleum Site 25 in FY10.
- Complete Toxic Substance Control Act PCB soil cleanup at Site 32 in FY10.
- Complete removal action at Site 12 Solid Waste Disposal Areas in FY10.
- Complete interim RI for Site 11, and RIs for Sites 6, 12, and 33 in FY10.
- Complete FSs for Sites 27 and 33, and PPs for Sites 21, 24, 27, and 28 in FY10.
- Complete radiological fieldwork for the sewer drain systems associated with Building 233 in FY10.
- Complete design for cleanup and cleanup at Site 31 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	NJ217002269500	Est. CTC (Comp Year):	\$ 19.8 million (FY 2039)
Location (Size):	Trenton, New Jersey (529 acres)	IRP Sites (Final RIP/RC):	11 (FY2000)
Mission:	Test engine systems and components	MMRP Sites (Final RIP/RC):	None
HRS Score:	N/A	Five-Year Review Status:	Completed and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-6-117
Contaminants:	Freon, mercury, solvents, fuels, VOCs, SVOCs, metals, TCE		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 27.5 million		



Progress To Date

Trenton Naval Air Warfare Center (NAWC) Aircraft Division tests engine systems and components. Site types include underground storage tanks, disposal areas, and spill sites. Contamination at the installation resulted from various fuels used to operate engines during tests and from trichloroethylene (TCE), ethylene glycol, and freon used to cool the air entering the engines. Investigations have detected residues of fuels and solvents in the groundwater and soil. In July 1993, the BRAC Commission recommended closure of Trenton NAWC. Operations were transferred to the Arnold Engineering Development Center and the Patuxent River Naval Air Station in December 1998. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY93; the RAB formally adjourned in FY01. To ensure continuous monitoring and improvement, Trenton NAWC completed five-year review reports in FY04 and FY09.

In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Trenton NAWC Aircraft Division for FY05 through FY08 is summarized below.

In FY05, the installation continued operation and maintenance (O&M) of the groundwater treatment system. The installation completed a work plan for a bioaugmentation pilot study for groundwater to remove contaminants using natural processes, and fieldwork began. Trenton NAWC conducted a review in accordance with state regulations, which require one every other year.

In FY06, Trenton NAWC Aircraft Division continued O&M of the groundwater treatment system.

In FY07, the installation completed the bioaugmentation pilot study and report. The installation also completed the review and received state certification.

In FY08, Trenton NAWC continued O&M and conducted an optimization study of the groundwater treatment system; the installation performed a bioaugmentation injection at the site.

The installation also submitted a draft plan to regulators to relocate the treatment plant and extraction wells.

FY09 IRP Progress

Trenton NAWC completed a second five-year review, and continued O&M of the groundwater treatment system.

FY09 MMRP Progress

Trenton NAWC has identified no MMRP sites.

Plan of Action

Plan of action items for Trenton Naval Air Warfare Center Aircraft Division are grouped below according to program category.

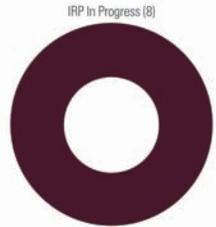
IRP

- Continue O&M of groundwater treatment system in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AZ957282593400	Est. CTC (Comp Year):	\$ 3.1 million (FY 2017)
Location (Size):	Tucson, Arizona (84 acres)	IRP Sites (Final RIP/RC):	8 (FY1997)
Mission:	Provide Air National Guard training	MMRP Sites (Final RIP/RC):	None
HRS Score:	57.86; placed on NPL in September 1983	Five-Year Review Status:	This installation is not required to complete a five-year review report.
IAG Status:	FFA signed in October 1994	IRP/MMRP Status Table:	Refer to page C-7-5
Contaminants:	POLs, petroleum hydrocarbons, TCE, chromium, PCE		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 18.4 million		



Progress To Date

The Air National Guard (ANG) base at Tucson International Airport (IAP) provides fighter pilot training and is home to the 162nd Fighter Wing. The installation is part of the Tucson IAP. In addition to the ANG base, the IAP (covering approximately 10 square miles) includes Air Force Plant 44, airport property owned by the City of Tucson (and managed by the Tucson Airport Authority), adjacent Indian reservation property, and several residential areas in Tucson and South Tucson. Sites identified at this installation include fire training areas, solvent dumping areas, storm drainage discharge areas, the old wash rack area, petroleum/oil/lubricant (POL) areas, and spill areas. The principal contaminant is trichloroethylene (TCE) in groundwater, but tetrachloroethylene (PCE) and chromium are also present. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in September 1983. DoD and EPA signed a federal facility agreement (FFA) covering the 84-acre ANG base in October 1994 to outline how they were going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To aid in environmental cleanup, the installation also established successful partnerships with citizens and regulators through the Unified Community Advisory Board. To ensure continuous monitoring and improvement, Tucson IAP ANG completed five-year review reports in FY03 and FY09.

To date, the installation has signed one Record of Decision, which selected cleanup actions at eight sites. In FY05, Tucson IAP ANG conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Tucson IAP ANG for FY05 through FY08 is summarized below.

In FY05, Tucson IAP ANG continued operating the groundwater treatment system. The installation also continued partnering with EPA and the Arizona Department of Environmental Quality.

In FY06, Tucson IAP ANG continued operating the groundwater treatment system and made adjustments to enhance operation; EPA and the Arizona Department of Environmental Quality concurred on the systems effectiveness. The installation

maintained its Defense and State Memorandum of Agreement partnership with the Arizona Department of Environmental Quality and continued participation in the Unified Community Advisory Board.

In FY07, Tucson IAP ANG continued operating the groundwater treatment system and continued partnering with EPA and the Arizona Department of Environmental Quality. Tucson IAP ANG also installed three additional pairs of monitoring wells and sampled the northwest edge of the TCE-contaminated area. The installation participated in Unified Community Advisory Board meetings.

In FY08, Tucson IAP ANG awarded a performance-based cleanup operation project. The installation conducted groundwater modeling for the entire base and installed additional monitoring wells along the western edge of the contaminated area. The installation continued operation of the groundwater treatment system and replaced the groundwater treatment system air strippers. The installation also continued to partner with EPA, the Arizona Department of Environmental Quality, and the Unified Community Advisory Board.

FY09 IRP Progress

Tucson IAP ANG completed its second five-year review report. The installation operated and maintained the groundwater treatment system to continue capturing TCE. The installation constructed one new groundwater monitoring well and abandoned old groundwater monitoring wells. Tucson IAP ANG also installed injection and monitoring wells and performed a chemical injection pilot test. Tucson IAP ANG maintained regulatory compliance within the framework of the FFA and conducted a green remediation survey to identify opportunities for energy conservation and more environmentally friendly cleanup technologies. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Tucson IAP ANG conducted public affairs activities through EPA, the Arizona Department of Environmental Quality, and the Unified Community Advisory Board.

FY09 MMRP Progress

Tucson IAP ANG has identified no MMRP sites.

Plan of Action

Plan of action items for Tucson International Airport are grouped below according to program category.

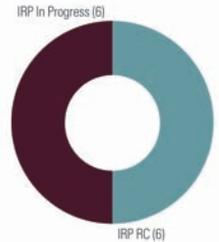
IRP

- Continue operation and maintenance of the groundwater treatment system in FY10.
- Continue chemical injection pilot test at groundwater wells in FY10.
- Continue to partner with EPA, the Arizona Department of Environmental Quality, and the Unified Community Advisory Board in FY10.
- Maintain regulatory compliance within the framework of the FFA in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	CA917302478300	Funding to Date:	\$ 70.0 million
Location (Size):	Tustin, California (1,603 acres)	Est. CTC (Comp Year):	\$ 15.5 million (FY 2042)
Mission:	Supported operations of the Third Marine Aircraft Wing	IRP Sites (Final RIP/RC):	12 (FY2013)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFSRA signed in August 1999	Five-Year Review Status:	Completed and planned
Contaminants:	MTBE, petroleum hydrocarbons, pentachlorophenol, naphthalene, BTEX, TCP, SVOCs, metals, dichloroethane, dichloroethene, TCE, VOCs	IRP/MMRP Status Table:	Refer to page C-6-28
Media Affected:	Groundwater and Soil		



Progress To Date

Tustin Marine Corps Air Station (MCAS) supports operations of the Third Marine Aircraft Wing. These operations have resulted in contamination in installation groundwater and soil. DoD and EPA signed a federal facility site remediation agreement (FFSRA) in FY99 to outline how they were going to proceed with cleanup. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In July 1991, the BRAC Commission recommended closure of Tustin MCAS with retention of the family housing and related personnel facilities to support El Toro MCAS. In FY93, the commission recommended closure of Tustin MCAS, which included those support facilities retained at Tustin MCAS. The installation issued a draft CERFA final environmental baseline survey for the base to determine the presence of potential environmental hazards in FY01. In FY94, Tustin MCAS formed a Restoration Advisory Board to discuss cleanup progress with the community. The installation regularly updates two administrative records and two information repositories. To ensure continuous monitoring and improvement, Tustin MCAS completed a five-year review report at Operable Unit (OU) 3 in FY07.

To date, the installation has signed Records of Decision (RODs), which selected cleanup actions for five sites. The installation also transferred over 1,300 acres of property. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at the installation for FY05 through FY08 is summarized below.

In FY05, Tustin MCAS completed a removal action, final ROD, cleanup plan, and selected soil removal activities for OU 1A. The installation issued the final ROD and completed a work plan, cleanup plan, and field activities for OU 1B. The installation also continued long-term management (LTM) at OU 3. Tustin MCAS issued a final ROD requiring no further cleanup actions for OU 4A. Additionally, the installation finalized the closure report for the arsenic areas of concern (AOCs), and closed the last AOC in the compliance program. The installation also developed and obtained concurrence from the California Regional Water Quality Control Board of closure criteria for the

methyl tertiary-butyl ether (MTBE)-contaminated area groundwater site (Underground Storage Tank (UST) 222).

In FY06, Tustin MCAS started a five-year review report at OU 3, continued the LTM phase of a landfill cap, and completed all soil removal activities at OUs 1A and 1B. Tustin MCAS also continued cleanup of the MTBE-contaminated area (UST 222) under an interim petroleum corrective action plan.

In FY07, Tustin MCAS completed the design for cleanup and work plan, and began field activities for groundwater cleanup at OUs 1A and 1B. The installation completed a five-year review report and continued LTM at OU 3. The installation also completed and implemented a final supplemental investigation work plan to conduct additional groundwater and soil sampling, and began revising the draft feasibility study (FS) to evaluate cleanup alternatives at OU 4B sites. Tustin MCAS found approximately 4.8 acres of property suitable for transfer.

In FY08, Tustin MCAS continued LTM activities at OU 3. The installation began the North Treatment System and ongoing operation and maintenance (O&M) activities at OUs 1A and 1B. The installation also finalized a technical memorandum for the supplemental investigation at Site 6 and the mingled contaminated areas.

FY09 IRP Progress

Tustin MCAS continued cleanup of the MTBE-contaminated area (UST 222), and LTM activities at OU 3. The installation also completed the final FS report, proposed plan, and the draft ROD for OU 4B. Additionally, the installation completed the long-term O&M plan and draft operating properly and successfully report, and continued O&M activities at OUs 1A and 1B. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Tustin MCAS has identified no MMRP sites.

Plan of Action

Plan of action items for Tustin Marine Corps Air Station are grouped below according to program category.

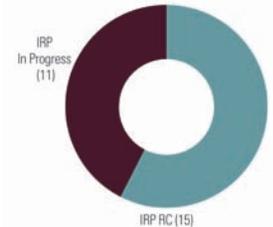
IRP

- Continue cleanup at MTBE-contaminated area (UST 222), and LTM activities at OU 3 in FY10-FY11.
- Complete cleanup completion report if groundwater data permits in FY10-FY11.
- Complete the final ROD, and begin a design for cleanup and cleanup activities at OU 4B in FY10-FY11.
- Complete the final operating properly and successfully report, and continue O&M activities for OUs 1A and 1B in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	MN521382090800	Funding to Date:	\$ 160.9 million
Location (Size):	Arden Hills, Minnesota (2,370 acres)	Est. CTC (Comp Year):	\$ 35.9 million (FY 2039)
Mission:	Provide support to DoD tenants; formerly manufactured small-arms ammunition and projectile casings	IRP Sites (Final RIP/RC):	26 (FY2010)
HRS Score:	59.60; placed on NPL in September 1983	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in August 1987	Five-Year Review Status:	Completed and underway
Contaminants:	VOCs, PCBs, heavy metals, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-105
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Twin Cities Army Ammunition Plant (AAP) formerly manufactured small arms ammunition and projectile casings, and supported DoD tenants. The installation grouped sites requiring environmental restoration, including former landfills, burning and burial grounds, ammunition testing and disposal sites, industrial operations buildings, and sewer system discharge areas, into three Operable Units (OUs). Past waste disposal practices released contaminants into soil, groundwater, and sediment. Contaminated groundwater has impacted municipal water supplies. Ammunition-related metals, volatile organic compounds (VOCs), and polychlorinated biphenyls (PCBs) are the primary soil contaminants at Twin Cities AAP. The potential risk to human health and environment was significant enough for EPA to place the installation on the NPL in September 1983. DoD and EPA signed a federal facility agreement (FFA) in 1987 to outline how they were going to proceed with cleanup. In 1985, Twin Cities AAP established a technical review committee to discuss the installation's cleanup progress with the community, and converted it into a Restoration Advisory Board (RAB) in FY96. Twin Cities AAP procured funding for technical assistance for public participation to support the RAB in FY99. To ensure continuous monitoring and improvement, the installation completed five-year review reports for OUs 1, 2, and 3 in FY99, FY04, and FY09.

Twin Cities AAP has signed three Records of Decision (RODs) selecting cleanup actions for 19 sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contaminations for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Twin Cities AAP for FY05 through FY08 is summarized below.

In FY05, Twin Cities AAP obtained regulatory approval for an assessment of potential risks to human health for various water bodies, and began a feasibility study (FS) to evaluate cleanup remedies. Regulators also approved the site inspection reports for the 135 and 535 Primer/Tracer Areas; an evaluation report demonstrating that vapors from contaminated soils in OU 1 do not migrate to indoor air pathways; and the closeout report for Site G, with the exception of land use controls (LUCs) that restrict the use of and access to the site.

In FY06, Twin Cities AAP received regulatory approval for an alternatives analysis addressing revised and new cleanup actions for Site C. The installation signed a ROD Amendment for OU 1, resolving disagreements over groundwater containment and the need for further cleanup action deeper in the aquifer. Additionally, the installation signed a ROD Amendment for OU 3, documenting the final decision to turn off the extraction well. Twin Cities AAP removed contaminated sediment from a ditch near the 135 Primer/Tracer Area, and regulators approved the closeout report. Regulators also conditionally approved a closeout report for construction of a cover over contaminated soil at the 1900 Yard Range of the Outdoor Firing Range, pending resolution of LUCs.

In FY07, the installation solved LUC issues for Site C-2 and signed a ROD Amendment addressing cleanup actions for soil, sediment, surface water, and groundwater. Twin Cities AAP conducted groundwater operation and maintenance. Additionally, the installation prepared a work plan for the engineering evaluation and cost analysis (EE/CA) at the 135 and 535 Primer/Tracer Areas.

In FY08, Twin Cities AAP signed two ROD Amendments addressing LUCs and cleanup at various OU 2 sites. Twin Cities AAP also accelerated fieldwork at Site K, approved EE/CAs for Building 102 and the excavation and off-site disposal of soil contamination, and completed investigation work at the 535 Primer/Tracer Area. The installation received regulatory approval to turn off the Site A groundwater pump-and-treat system. Additionally, Twin Cities AAP completed sampling at Marsden Lake and Pond G in support of the Aquatic Sites FS.

FY09 IRP Progress

Twin Cities AAP received approval for the 535 Primer/Tracer Area EE/CA, completed the soil removal fieldwork, and began to prepare the closeout report. Twin Cities AAP completed a soil removal action at Site K and submitted the closeout report for regulatory review. The installation also implemented groundwater cleanup at Building 102, and turned off the groundwater pump-and-treat system at Site C. Twin Cities AAP completed its third five-year review report. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the design for LUCs at OU 2, the final approval for various soil cleanup closeout reports, and the aquatic sites FS.

FY09 MMRP Progress

Twin Cities AAP has identified no MMRP sites.

Plan of Action

Plan of action items for Twin Cities Army Ammunition Plant are grouped below according to program category.

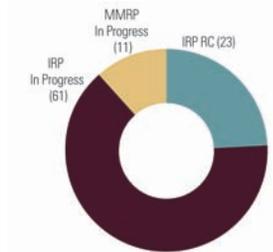
IRP

- Obtain approval for the design for LUCs at OU 2, various soil closeout reports, and the Aquatic Sites FS in FY10.
- Complete transfer of the remaining 585 acres (including Area 135) in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	FL457152412400	Funding to Date:	\$ 42.7 million
Location (Size):	Panama City, Florida (28,824 acres)	Est. CTC (Comp Year):	\$ 47.6 million (FY 2038)
Mission:	Provide advanced F-15 and F-22 fighter training	IRP Sites (Final RIP/RC):	84 (FY2020)
HRS Score:	50.00; placed on NPL in April 1997	MMRP Sites (Final RIP/RC):	11 (FY2021)
IAG Status:	FFA under negotiation	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	POLs, chlorinated solvents, pesticides, metals, PCBs, general refuse, VOCs, SVOCs, PAHs, BTEX	IRP/MMRP Status Table:	Refer to page C-6-56
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Tyndall Field was activated in 1941 and served as the Flexible Gunnery School of the U.S. Army Air Corps. The installation became Tyndall Air Force Base (AFB) in 1947, and its current mission is F-15 Eagle and F-22 Raptor fighter training under the 325th Fighter Wing. The primary contaminant of concern is DDT in the sediments. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in April 1997. A federal facility agreement (FFA) and an interagency agreement (IAG) between DoD and EPA are currently under negotiation and will outline how DoD and EPA will proceed with cleanup when signed. The 2005 BRAC Commission recommended Tyndall AFB for realignment. Tyndall AFB is involved in a partnering initiative with EPA, the Florida Department of Environmental Protection, and natural resource trustees serving as the installation's technical review committee responsible for communicating cleanup progress with the community.

Tyndall AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Tyndall AFB for FY05 through FY08 is summarized below.

In FY05, Tyndall AFB received a concurrence that no further cleanup actions were necessary for three sites (Landfills [LFs] 001 and 003, and Spill Site [SS] 014). The installation also completed draft remedial investigation (RI) studies recommending no further cleanup actions for two additional sites (LF 005 and other [OT] Site 037). The installation began preliminary assessments (PAs) of the MMRP sites.

In FY06, Tyndall AFB implemented cleanup actions for LFs 006 and 007, Fire Training (FT) area 017, and SS 026 to reduce exposure risks. In cooperation with EPA and the Florida Department of Environmental Protection, the installation implemented the technical portions of the preferred alternatives outlined in the proposed plans. Tyndall AFB required no further construction of cleanup systems at SSs 015 and 019, and FT 023, and investigated and closed Area of Concern (AOC) 006. The installation converted another AOC to a cleanup site Firing Range (FR) 038 and awarded the RI/feasibility study (FS) to conduct the investigation and identify cleanup alternatives.

Tyndall AFB awarded a performance-based contract to cleanup or close all remaining active sites, except FR 038.

In FY07, the installation completed the PA under the MMRP. Tyndall AFB identified 12 areas that met MMRP eligibility criteria.

In FY08, Tyndall AFB screened and added Debris Removal (DB) site 039 to the cleanup program. The installation performed additional characterization at LF 005 as requested by EPA and the Florida Department of Environmental Protection. The installation conducted an investigation of debris and downgradient migration on and beneath the surface.

FY09 IRP Progress

Regulatory issues delayed the completion of site characterization, FSs, and selection of cleanup actions for LFs 001, 003, 005, 006 and 007, FT 017, and SS 026. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

Regulatory issues delayed the completion of the site inspection (SI) for all MMRP sites.

Plan of Action

Plan of action items for Tyndall Air Force Base are grouped below according to program category.

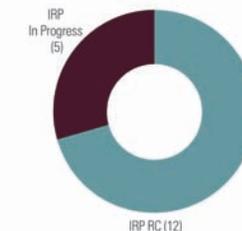
IRP

- Sign FFA with EPA and the Florida Department of Environmental Protection in FY10.
- Perform additional investigation on LF 001, 003, 006, 007, FR 038, and SSs 015 and 026 in FY10.
- Close FTs 016, 017, 023, OT 018, and SS 019 in FY10.
- Complete RI/FS at OT 029 and DB 039 in FY10.
- Complete site characterization, FSs, and select cleanup actions for LFs 001, 003, 005, 006, 007, SSs 015 and 026, and FR 038 in FY10.

MMRP

- Complete SI and begin RI for all sites in FY10.

FFID:	MA121382063100	Funding to Date:	\$ 43.5 million
Location (Size):	Natick, Massachusetts (78 acres)	Est. CTC (Comp Year):	\$ 12.5 million (FY 2029)
Mission:	Research and develop food, clothing, equipment, and materials for military operations	IRP Sites (Final RIP/RC):	17 (FY2012)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in July 2006	Five-Year Review Status:	Completed
Contaminants:	Pesticides, herbicides, pentachlorophenol, solvents, PCBs, VOCs, SVOCs, metals	IRP/MMRP Status Table:	Refer to page C-6-99
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Since 1954, the U.S. Army Soldiers Systems Center (Soldiers Systems Center) has supported industrial, laboratory, and storage activities for research and development in food science and in aeromechanical, clothing, material, and equipment engineering. Contaminated site types include buildings, spill sites, storage areas, disposal pits, dry wells, and underground storage tanks. Operations used various volatile organic compounds (VOCs), including tetrachloroethylene (PCE), trichloroethylene (TCE), carbon disulfide, benzene, and chloroform. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In FY06, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended the Soldiers Systems Center for realignment. In FY95, the installation established a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report for the Natick Research, Development, and Engineering Center (NRDEC) 05 site in FY07.

Soldiers Systems Center has signed Records of Decision (RODs) selecting cleanup actions for Building T 25 and NRDECs 07, 10, and 17. The Building T 25 ROD contained a unique partnering cooperative agreement involving the Town of Natick, the Massachusetts Department of Environmental Protection, EPA, and the installation. Soldiers Systems Center has performed several cleanup actions, including waste removal and the removal of contaminated soil and pavement from a drum storage area. The installation has also removed a 1,000-gallon storage tank for waste oil and associated contaminated soil, as well as polychlorinated biphenyl (PCB)-contaminated soil, from an exploded transformer. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at the Soldiers Systems Center for FY05 through FY08 is summarized below.

In FY05, Soldiers Systems Center started soil removal at NRDEC 03/13 and NRDEC 09/12. Soldiers Systems Center also replaced Monitoring Well 35B. The installation began an

updated site inspection for NRDEC 11 (former Post Drinking Water Wells site) and the remedial investigation (RI) for NRDEC 16 (Buildings 22 and 36). In addition, the installation submitted a study evaluating the potential risk to the environment due to sediment accumulation, and the potential risk to human health due to consuming fish from high-sediment areas.

In FY06, Soldiers Systems Center completed soil removal at NRDEC 03/13, the RI for NRDEC 11, and a feasibility study (FS) to evaluate cleanup alternatives at NRDEC 16. The installation also completed additional fish consumption risk assessment analyses, as requested by EPA in connection with three sediment sites (NRDECs 07, 10, and 17).

In FY07, Soldiers Systems Center submitted a pilot study work plan to expand the existing groundwater treatment system to NRDECs 11 and 16. The installation completed an FS for three sediment sites (NRDECs 07, 10, and 17) and soil removal at NRDECs 09 and 12. The installation also signed a ROD, which determined that NRDECs 03, 06, and 13 required no further cleanup actions. The RAB met quarterly and provided review and comments on various draft reports.

In FY08, Soldiers Systems Center completed the design for cleanup for NRDECs 07 and 17, which qualified for a ROD determining no further action. The installation signed RODs for the T 25 soil site and Buildings 13, 14, and 19 (NRDECs 05, 09, 12, and 14), which closed all soil sites at Soldiers Systems Center. The installation completed expanding the groundwater treatment system to include NRDECs 11 and 16. The RAB met twice to review and comment on various draft reports.

FY09 IRP Progress

Soldiers Systems Center completed RODs for T 25 Outfall, and for Buildings 2 and 45 Parking Lot Outfall (NRDECs 07 and 17). The installation also completed the design for cleanup, proposed plan, and ROD for the Main Stormwater Outfall sediment site (NRDEC 10). The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

Soldiers Systems Center has identified no MMRP sites.

Plan of Action

Plan of action items for U.S. Army Soldiers Systems Center are grouped below according to program category.

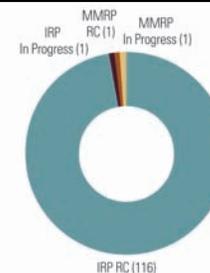
IRP

- Complete groundwater ROD amendment in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	OR021382091700	Est. CTC (Comp Year):	\$ 24.7 million (FY 2023)
Location (Size):	Hermiston, Oregon (19,729 acres)	IRP Sites (Final RIP/RC):	117 (FY2003)
Mission:	Store ammunition	MMRP Sites (Final RIP/RC):	2 (FY2018)
HRS Score:	31.31; placed on NPL in July 1987	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in October 1989	IRP/MMRP Status Table:	Refer to page C-6-140
Contaminants:	UXO, pesticides, nitrates, explosives, heavy metals		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 55.9 million		



Progress To Date

In 1941, the Army established Umatilla Ordnance Depot as a facility for storing conventional munitions. Between 1945 and 1955, the installation's functions expanded to include demolition, renovation, and maintenance of ammunition. In 1962, the Army began to store chemical munitions at the depot. Identified sites include explosives-washout lagoons, an open burning and open detonation area, pesticide disposal pits, a deactivation furnace, and landfills. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in October 1989 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended realignment of the installation and in 2005, the BRAC Commission recommended its closure. In FY93, Umatilla Ordnance Depot transferred its conventional weapons mission to another installation and in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. Also in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY98, the installation officially changed its name from Umatilla Ordnance Depot to Umatilla Chemical Depot (CD). To ensure continuous monitoring and improvement, Umatilla CD completed five-year review reports in FY99, FY04, and FY09.

To date, the installation has signed eight Records of Decision (RODs) and one decision document, selecting cleanup actions for 68 sites. In FY03, Umatilla CD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Umatilla CD for FY05 through FY08 is summarized below.

In FY05, the installation completed an MMRP ROD for UMAD 001 R 01, the Quality Assurance Function Range.

In FY06, the installation completed the work plan to address munitions and explosives of concern (MEC) at the Quality Assurance Function Range.

In FY07, Umatilla CD began the groundwater pump-and-treat cleanup study, which evaluated the potential to decrease

contamination by modifying the pumping rates of groundwater and removing contamination from source zones. The installation conducted groundwater pump-and-treat plant maintenance, which consisted of rebuilding extraction pumps, and replacing vault covers and electronics.

In FY08, Umatilla CD completed the Washout Lagoons Enhancement Study and identified the need for two additional extraction wells at the groundwater treatment facility. The installation began to develop a groundwater model for the installation as part of the strategy to close the pump-and-treat system. Under the MMRP, Umatilla CD approved the cleanup management plan for the Quality Assurance Function Range and began the surplus property determination. Umatilla CD reopened the 1,750-acre MMRP Ammunition Demolition Area for future cleanup of MEC. The installation also completed the Explosives Site Safety Submission for the Quality Assurance Function Range, which was subsequently approved by the DoD Explosives Safety Board.

FY09 IRP Progress

Umatilla CD began a report to summarize the environmental condition of all transferable property based on BRAC 2005. The installation completed its third five-year review report.

Regulatory issues delayed completion of the ROD and revised monitoring plan for the landfill. Technical issues delayed the cleanup report for groundwater treatment.

FY09 MMRP Progress

Umatilla CD completed fieldwork and cleanup at the Quality Assurance Function Range. The installation completed all MEC cleanup, and issued a report to address post-cleanup actions.

Plan of Action

Plan of action items for Umatilla Chemical Depot are grouped below according to program category.

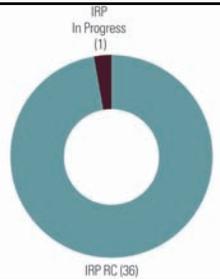
IRP

- Complete pulse pumping and develop a plan to enhance pump-and-treat facility operation in FY10.
- Complete the environmental conditions report of all transferable property in FY10.
- Complete the ROD and monitoring plan for the landfill in FY10.

MMRP

- Support the local redevelopment authority in completion of the reuse plan for the Ammunition Demolition Area in FY10.

FFID:	VA321382093100	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Vint Hill Farms, Virginia (696 acres)	Funding to Date:	\$ 12.0 million
Mission:	Supported logistics for signal intelligence and electronics warfare weapon systems and equipment; provide intelligence fusion material capability	Est. CTC (Comp Year):	\$ 2.1 million (FY 2010)
HRS Score:	N/A	IRP Sites (Final RIP/RC):	37 (FY2007)
IAG Status:	N/A	MMRP Sites (Final RIP/RC):	None
Contaminants:	Metals, VOCs, petroleum hydrocarbons, pesticides, PAHs, PCBs, asbestos, cyanide, photographic wastes	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-7-56



Progress To Date

During the 1940s and 1950s, Vint Hill Farms Station served as a training center for Signal Corps personnel and as a refitting station for signal units. The mission resulted in contaminated underground storage tanks (USTs), landfills, lagoons, storage areas, pit areas, fire training areas, disposal areas, and spill sites. During FY90, a preliminary assessment (PA) identified 26 sites contaminated with asbestos-containing materials, lead-based paint areas, and transformers containing polychlorinated biphenyls (PCBs). In FY90, soil and groundwater sampling revealed petroleum and solvent contamination. In 1993, the BRAC Commission recommended closure of Vint Hill Farms Station. Vint Hill Farms Station closed in October 1997. The installation formed a Restoration Advisory Board (RAB) in FY95 to discuss the installation’s cleanup progress with the community; the RAB adjourned in FY06. To ensure continuous monitoring and improvement, Vint Hill Farms Stations completed a five-year review report for Sites 1 and 39 in FY05.

Vint Hill Farms Station had transferred the entire 696 acres by FY03. With the exception of Area Requiring Environmental Evaluation 34, which was discovered post-transfer, all environmental investigation and cleanup is complete. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Vint Hill Farms Station for FY05 through FY08 is summarized below.

In FY05, Vint Hill Farms Station completed a five-year review report for Sites 1 and 39. The installation maintained all institutional controls, which minimize the potential for human exposure. Vint Hill Farms Station conducted annual sampling at Site 1, and results were consistent with past sampling.

In FY06, Vint Hill Farms Station and the Virginia Department of Environmental Quality signed a decision document that selected cleanup actions for Area Requiring Environmental Evaluation 34. The installation began cleanup, which required source removal at a highly contaminated area and long-term management. The installation awarded a performance-based contract (PBC) for treatment and began fieldwork. The

installation also conducted annual sampling at Site 1. The RAB officially adjourned.

In FY07, Vint Hill Farms Station continued the PBC fieldwork at Area Requiring Environmental Evaluation 34 and successfully treated the highly contaminated soil. The groundwater in the highly contaminated area showed a 94 percent reduction in chlorinated solvents. Vint Hill Farms Station and the Virginia Department of Environmental Quality agreed to a long-term monitoring plan for all sites. The installation continued Area Requiring Environmental Evaluation 34 and Site 1 monitoring under this plan.

In FY08, Vint Hill Farms Station incorporated Area Requiring Environmental Evaluation 34 sampling into the annual long-term monitoring plan, with the exception of the quarterly sampling at two wells. The installation completed annual sampling requirements and inspected land use controls (LUCs), which restrict the use of and access to Sites 1 and 42; all LUCs were in compliance.

FY09 IRP Progress

Vint Hill Farms Station performed annual sampling and LUC inspections at Sites 1 and 42; all LUCs were in compliance. The installation received regulatory concurrence to reduce sampling at two wells from quarterly to annually.

FY09 MMRP Progress

Vint Hill Farms Station has identified no MMRP sites.

Plan of Action

Plan of action items for Vint Hill Farms Station are grouped below according to program category.

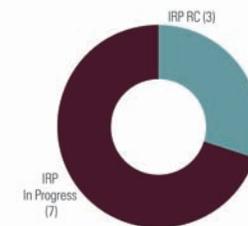
IRP

- Complete a five-year review report for Sites 1, 39, and 42 in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	PA317002454500	Media Affected:	Groundwater, Surface Water, Soil
Location (Size):	Warminster Township, Pennsylvania (817 acres)	Funding to Date:	\$ 27.5 million
Mission:	Perform research, development, testing, and evaluation for naval aircraft systems and antisubmarine warfare systems; perform associated software development	Est. CTC (Comp Year):	\$ 17.4 million (FY 2041)
HRS Score:	57.93; placed on NPL in October 1989	IRP Sites (Final RIP/RC):	10 (FY2004)
IAG Status:	FFA signed in September 1990	MMRP Sites (Final RIP/RC):	None
Contaminants:	Heavy metals, firing range wastes, fuels, land sewage sludges, non-industrial solid wastes, paints, PCBs, VOCs, SVOCs	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-143



Progress To Date

Warminster Naval Air Warfare Center (NAWC) Aircraft Division performs research, development, testing, and evaluation for naval aircraft systems and antisubmarine warfare systems. Contaminated site types include waste burn pits, sludge disposal pits, landfills, waste pits, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. In July 1991 and July 1995, the BRAC Commission recommended Warminster Naval Air Warfare Center NAWC for realignment and closure, respectively. The installation closed in March 1997. Formed in FY88, Warminster NAWC converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. The installation also completed a community relations plan and established an administrative record in FY94. To ensure continuous monitoring and improvement, Warminster NAWC completed five-year review reports in FY02 and in FY07.

To date, the installation has signed Records of Decision (RODs) selecting cleanup actions for Operable Unit (OU) 1, Area A, and Sites 6 and 7. In addition, the installation signed RODs requiring no further actions for Sites 4 (OU 6), 5, 8, and Areas B and D. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Warminster NAWC Aircraft Division for FY05 through FY08 is summarized below.

In FY05, Warminster NAWC Aircraft Division continued groundwater monitoring according to the long-term management plan, and continued the well reduction strategy through discussions with the technical evaluation group. The installation also continued work on the groundwater treatment system and maintained and operated land use controls, which limit access to sites.

In FY06, Warminster NAWC Aircraft Division prepared a work plan to address the higher contaminant levels found at Area C, and continued to streamline the monitoring program.

In FY07, Warminster NAWC Aircraft Division completed the work plan for the optimization study of the groundwater extraction system, and continued to streamline the monitoring program. The installation discussed alternatives for source removal and conducted field investigations at Area C. The installation also coordinated with EPA and the Pennsylvania Department of Environmental Protection to investigate potentially responsible parties located west of the former facility, and continued working with the Warminster Municipal Authority to provide contaminant protection of Water Supply Wells 13 and 26. Warminster NAWC Aircraft Division began to install a new extraction well at Area A. The installation held four RAB meetings, and completed a second five-year review report.

In FY08, Warminster NAWC Aircraft Division continued implementation of modifications to the groundwater treatment system as determined by the optimization study. The installation coordinated with EPA Region 3 and PADEP to identify the source of off-site groundwater contamination. The installation also continued operation and maintenance (O&M), and performance monitoring of the groundwater extraction and treatment system. Warminster NAWC held four RAB meetings.

FY09 IRP Progress

Warminster NAWC continued coordination with EPA Region 3 and Pennsylvania Department of Environmental Protection on the off-site source investigation, and continued (O&M) and performance monitoring of the groundwater extraction and treatment system.

The installation held quarterly RAB meetings.

FY09 MMRP Progress

Warminster NAWC has identified no MMRP sites.

Plan of Action

Plan of action items for Warminster Naval Air Warfare Center Aircraft Division are grouped below according to program category.

IRP

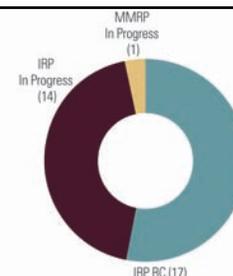
- Continue O&M and performance monitoring of the groundwater extraction and treatment system in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID: DC317002431000
Location (Size): Washington, DC (63 acres)
Mission: Provide resources, including administrative space, housing, training facilities, logistical support, and supplies, for Washington Navy Yard tenants and other assigned units
HRS Score: 48.57; placed on NPL in July 1998
IAG Status: FFA signed in June 1999
Contaminants: Solvents, metals, VOCs, SVOCs, PCBs, pesticides
Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 34.1 million
Est. CTC (Comp Year): \$ 5.5 million (FY 2017)
IRP Sites (Final RIP/RC): 31 (FY2013)
MMRP Sites (Final RIP/RC): 1 (FY2010)
Five-Year Review Status: This installation is not required to complete a five-year review report.
IRP/MMRP Status Table: Refer to page C-7-17



Progress To Date

Washington Navy Yard (NY) provides resources, including administrative space, housing, training facilities, logistical support, and supplies, for the installation tenants and other assigned units. Investigations at the Washington NY initially identified 18 contaminated sites and 3 leaking underground storage tank sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1998. DoD and EPA signed a federal facility agreement (FFA) in June 1999 to outline how they were going to proceed with cleanup. The installation updated the FFA with a RCRA consent order signed in July 1997. In 2005, the BRAC Commission recommended Washington NY for realignment. The installation developed a community relations plan in FY99.

To date, the installation has completed Records of Decision (RODs) selecting cleanup actions for Sites 1 through 5, 7, 9, 11, 13, 14, and 16. Washington NY has also signed two RODs requiring no further cleanup actions. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Washington NY for FY05 through FY08 is summarized below.

In FY05, Washington NY continued removal actions for Site 10 and completed the site screening area fill field investigation. The installation finalized the proposed cleanup plan and a ROD requiring no further cleanup for Site 14. The installation also finalized the remedial investigation (RI) and developed the proposed cleanup plan for Site 16. Washington NY completed a final feasibility study to evaluate cleanup alternatives for Site 5.

In FY06, Washington NY continued cleanup at Site 10. The installation finalized the Operable Unit (OU) 2 sediment work plan. The installation also finalized RODs for Sites 5 and 16. Washington NY completed the work plan and field investigations for the Site 6 extended RI, and provided a response to comments for regulators. Under the MMRP, the installation finalized a preliminary assessment for the Experimental Battery site.

In FY07, Washington NY continued cleanup at Site 10. The installation completed Phase I fieldwork for the sediment investigation. The installation also finalized the work plan for site screening areas 3, 8, and 10 (now Sites 21, 22, and 23), and the removal action at Site 6. Washington NY also finalized RODs for Sites 1, 2, 3, 7, 9, 11, and 13.

In FY08, Washington NY completed fieldwork and draft RI reports for Site 6 and Sites 21, 22, and 23 (site screening areas 3, 8, and 10). The installation also completed the Phase I investigation report for site screening area 12, and a Phase II draft work plan for OU 2. Additionally, Washington NY completed an investigation report for site screening areas 9 and 14. Under the MMRP, the installation prepared a work plan for the site inspection (SI) at the Experimental Battery site.

FY09 IRP Progress

Washington NY completed the Phase II field investigation for OU 2. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed completion of the draft RI for Site 6, and the RI and feasibility study (FS) to evaluate cleanup alternatives for site screening area 14. Regulatory issues delayed completion of the RI for site screening area 12.

FY09 MMRP Progress

Contractual issues delayed completion of the SI for the Experimental Battery site.

Plan of Action

Plan of action items for Washington Navy Yard are grouped below according to program category.

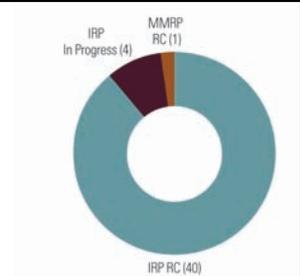
IRP

- Complete RI/FS for site screening area 14, and RI for site screening area 12 in FY10.
- Complete draft RIs for Sites 6, 22, 23, and site screening area 14 in FY10-FY11.
- Complete draft report for OU 2 field investigations in FY10-FY11.
- Complete vapor intrusion studies for Sites 8 and 21 in FY10-FY11.

MMRP

- Complete SI for the Experimental Battery site in FY10.

FFID:	WV39799F346100	Funding to Date:	\$ 77.7 million
Location (Size):	Point Pleasant, West Virginia (2,704 acres)	Est. CTC (Comp Year):	\$ 35.7 million (FY 2021)
Mission:	Manufactured TNT	IRP Sites (Final RIP/RC):	44 (FY2014)
HRS Score:	35.72; placed on NPL in September 1983	MMRP Sites (Final RIP/RC):	1 (FY2003)
IAG Status:	IAGs signed in September 1987 and July 1989	Five-Year Review Status:	Planned
Contaminants:	TNT, DNT, organic compounds, VOCs, SVOCs, metals, propellants, explosives, other contaminants	IRP/MMRP Status Table:	Refer to page C-6-182
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

From 1941 to 1946, West Virginia Ordnance Works manufactured TNT from toluene, nitric acid, and sulfuric acid. Principal contaminated sites include TNT manufacturing areas, wastewater sewer lines, and wastewater ponds known as the red and yellow water ponds. By-products of the manufacturing process included TNT, dinitrotoluene, and organic compounds, which migrated into groundwater, soil, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place West Virginia Ordnance Works on the NPL in September 1983. DoD and EPA signed the first interagency agreement (IAG) in September 1987, and a second IAG in July 1989, to outline how they were going to proceed with cleanup. EPA partially delisted a 509-acre parcel from the NPL in FY03 and an additional 1,004 acres in FY04. Formed in FY94, the U.S. Army Corps of Engineers (USACE) converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board in FY98. To ensure continuous monitoring and improvement, USACE completed five-year review reports in FY95, FY00, and FY05.

The property is grouped into Operable Units (OUs) 1 through 5 and 7 through 13. OU 7 is managed by another party responsible for cleanup, and OU 13 is under EPA management with no further cleanup action planned for the Army. To date, DoD and EPA have signed Records of Decision (RODs) which selected cleanup actions for OUs 1, 2, and 11. USACE and EPA determined that OUs 10 and 12 required no further cleanup action. The former OU 6 was changed to Environmental Unit 06. In FY03, USACE conducted an inventory of closed, transferred, and transferring ranges and sites suspected to contain munitions contamination. Cleanup progress at West Virginia Ordnance Works for FY05 through FY08 is summarized below.

In FY05, USACE completed the third five-year review report. USACE also completed the treatability study (TS) for OU 9.

In FY06, USACE completed the draft feasibility study to evaluate cleanup alternatives and began proposed plans (PPs) for OUs 8 and 9.

In FY07, USACE continued the PP for OUs 8 and 9, and the long-term management (LTM) program. EPA concurred that the OU 4 groundwater treatment system was operating properly and successfully.

In FY08, USACE continued LTM and conducted a TS for OU 8.

FY09 IRP Progress

USACE continued LTM. USACE also continued operations and maintenance (O&M) of groundwater treatment systems at OU 2, and made repairs to the treatment system at OU 5. USACE began a TS to treat groundwater at OU 4. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Regulatory issues delayed the PP and ROD for no further cleanup action at OUs 8 and 9.

FY09 MMRP Progress

USACE closed MMRP Project 50.

Plan of Action

Plan of action items for West Virginia Ordnance Works are grouped below according to program category.

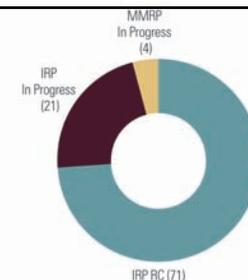
IRP

- Prepare fourth five-year review report in FY10.
- Complete the PP and ROD for OUs 8 and 9 in FY10.
- Continue O&M of groundwater treatment systems at OU 2 in FY10-FY11.
- Evaluate results of TS at OU 4 in FY10-FY11.
- Continue LTM program in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	WA017002336100	Contaminants:	PCBs, PAHs, chlorinated solvents, VOCs, SVOCs, metals
Location (Size):	Oak Harbor, Washington (7,000 acres)	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Mission:	Serve as host to training and operations center for two squadrons: Center for U.S. Marine Corps and Navy Reserve training in the Pacific Northwest	Funding to Date:	\$ 98.0 million
HRS Score:	39.64 (Seaplane Base), placed on NPL in February 1990, delisted in 1995; 48.48 (Ault Field), placed on NPL in February 1990	Est. CTC (Comp Year):	\$ 37.9 million (FY 2041)
IAG Status:	FFA signed in September 1990	IRP Sites (Final RIP/RC):	92 (FY2020)
		MMRP Sites (Final RIP/RC):	4 (FY2020)
		Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-180



Progress To Date

Whidbey Island Naval Air Station (NAS) is a training and operations center for two squadrons: Center for U.S. Marine Corps, and Navy Reserve training in the Pacific Northwest. Whidbey Island NAS occupies four areas on Whidbey Island, Washington: Ault Field, Seaplane Base, Coupville Outlying Field, and Lake Hancock Target Range. Past disposal practices from aircraft maintenance, vehicle maintenance, public works shop activities, and fire training activities have contributed to contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. EPA delisted the Seaplane Base from the NPL in 1995. In 2005, the BRAC Commission recommended Whidbey Island NAS for realignment. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into the Navy's first Restoration Advisory Board. Washington NAS updated the community relations plan in FY96. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY98, FY05, and FY09.

To date, the installation has completed five Records of Decision (RODs), which selected cleanup actions for five sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Whidbey Island NAS for FY05 through FY08 is summarized below.

In FY05, Whidbey Island NAS began investigating the potential for a new contaminant of concern from Area 6. The installation began an optimization study on a pump-and-treat system and a liquid hydrocarbon recovery system.

In FY06, Whidbey NAS continued treatment operations at OUs 1 and 5, and upgraded hardware at OU 1. The installation continued treatment at Sites 6 and 52 through pump-and-treat and fuel recovery operations. The installation confirmed contamination in one off-site well, and completed re-sampling of Site 16 Runway Ditches.

In FY07, Whidbey Island NAS continued treatment operations at OUs 1 and 5. The installation also conducted 1,4-dioxane sampling to define contaminated area boundaries. Whidbey Island NAS completed an explanation of significant differences with the ROD for land use controls (LUCs), which restricts access to Sites 6 and 52. The installation suspended fuel recovery at Site 52. Under the MMRP, Whidbey Island NAS completed preliminary assessments (PAs) at four sites with regulatory concurrence, and identified three additional areas of concern.

In FY08, Whidbey Island NAS completed an explanation of significant differences document with the ROD for LUCs, and continued treatment operations at OU 1. Whidbey Island NAS also installed off-site wells to monitor 1,4-dioxane and replaced a private well contaminated with 1,4-dioxane. Under the MMRP, the installation developed work plans for site inspections (SIs) at six sites.

FY09 IRP Progress

Whidbey Island NAS continued treatment operations and monitoring at OU 1, and completed a LUC implementation plan. The installation also completed its third five-year review report.

Contractual issues delayed complete installation of a bioventing treatment system, which increases oxygen flow in the soil to treat petroleum-contaminated soil.

FY09 MMRP Progress

Whidbey Island NAS conducted SIs at six sites.

Plan of Action

Plan of action items for Whidbey Island Naval Air Station Ault Field and Seaplane Base are grouped below according to program category.

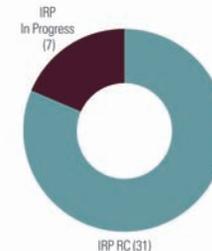
IRP

- Complete installation of bioventing system to begin treatment of petroleum-contaminated soils in FY10.
- Maintain LUCs at applicable areas in FY10-FY11.
- Evaluate ROD for cleanup goals at selected compounds, and for the removal of 1,4-dioxane, in FY10-FY11.
- Continue operations and maintenance of the groundwater extraction, treatment, and recharge at OU 1 in FY10-FY11.
- Conduct PA on private property to identify possible sources of 1,4-dioxane contamination in FY10-FY11.

MMRP

- Determine if further action is necessary based on results from the SI in FY10-FY11.

FFID:	MD317002344400	Funding to Date:	\$ 39.2 million
Location (Size):	Silver Spring, Maryland (710 acres)	Est. CTC (Comp Year):	\$ 1.8 million (FY 2021)
Mission:	Research, develop, test, and evaluate ordnance technology	IRP Sites (Final RIP/RC):	38 (FY2006)
HRS Score:	N/A	MMRP Sites (Final RIP/RC):	None
IAG Status:	N/A	Five-Year Review Status:	Completed and planned
Contaminants:	Explosive compounds, waste oils, PCBs, heavy metals, VOCs, SVOCs, propellants, radioactive materials	IRP/MMRP Status Table:	Refer to page C-7-29
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

White Oak Naval Surface Warfare Center (NSWC) researched, developed, tested, and evaluated ordnance technology. Past activities at the installation included landfill disposal of oils, polychlorinated biphenyls (PCBs), solvents, paint residue, and other chemicals (including mercury); disposal of chemical research wastewater in dry wells; burning of explosive ordnance; and composting of sludge. Records also indicate that a radium spill occurred. Contaminants of concern are volatile organic compounds (VOCs), PCBs, cadmium, chromium, lead, mercury, nickel, and ordnance compounds. In July 1995, the BRAC Commission recommended closure of White Oak NSWC. The facility closed in July 1997. White Oak NSWC formed a BRAC cleanup team in FY98 to develop a process for cleanup of sites. The BRAC cleanup team developed a cleanup plan with community input to prioritize sites requiring cleanup in FY96. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY96. In FY94, the installation established an administrative record, an information repository, and a community relations plan. White Oak NSWC updated the BRAC cleanup plan and community relations plan in FY02. To ensure continuous monitoring and improvement, White Oak NSWC completed a five-year review report in FY06.

To date, the installation has completed 12 Records of Decision (RODs), which selected cleanup actions for 12 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no sites were identified. Cleanup progress at White Oak NSWC for FY05 through FY08 is summarized below.

In FY05, White Oak NSWC completed and signed all remaining RODs for Area of Concern (AOC) 2, and Sites 4, 5/13, and 9; cleanup began for these sites.

In FY06, White Oak NSWC continued to operate cleanup systems at Sites 5/13, 7, 9, and 11, and began cleanup at Sites 4, 49, and AOC 2. A Navy Tiger Team optimized the cleanup at Site 11. White Oak NSWC awarded a contract for cleanup at Solid Waste Management Unit (SWMU) 87. The RAB met twice

per year, and the installation completed a five-year review report.

In FY07, White Oak NSWC completed the active phase of cleanup at Sites 5/13, 7, 9, 11, 49, and SWMU 87 (AOC 2). The installation successfully negotiated the discontinuation of the facility's pump-and-treat system. EPA rescinded the unilateral RCRA administrative order, which previously governed the environmental restoration of White Oak NSWC. The installation held two RAB meetings, and decided to reduce future RAB meetings from twice per year to once per year.

In FY08, White Oak NSWC continued performance monitoring of the cleanup system operation at Sites 5/13, 7, 9, 11, 46, 49, and SWMU 87 (AOC 2). The installation held one RAB meeting.

FY09 IRP Progress

White Oak NSWC completed cleanup at Site 4, and continued to operate cleanup systems at Sites 5/13, 7, 9, 11, 46, 49, and SWMU 87 (AOC 2). The installation also designed land use controls (LUCs) for Sites 7, 9, and 11, which will restrict access to the sites. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed completion of designed LUCs for Sites 4, 13, 49, and SWMU 87 (AOC 2).

FY09 MMRP Progress

White Oak NSWC has identified no MMRP sites.

Plan of Action

Plan of action items for White Oak Naval Surface Warfare Center are grouped below according to program category.

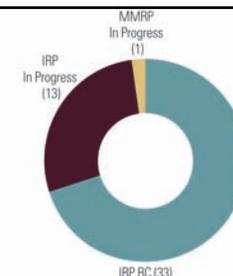
IRP

- Continue operation of cleanup systems at Sites 4, 5/13, 7, 9, 11, 46, 49, and SWMU 87 (AOC 2) in FY10.
- Complete LUCs for Sites 4, 13, 49, and SWMU 87 (AOC 2) in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	FL417002324400	Funding to Date:	\$ 39.7 million
Location (Size):	Milton, Florida (3,842 acres)	Est. CTC (Comp Year):	\$ 20.5 million (FY 2054)
Mission:	Train student naval aviators	IRP Sites (Final RIP/RC):	46 (FY2012)
HRS Score:	50.00; placed on NPL in May 1994	MMRP Sites (Final RIP/RC):	1 (FY2014)
IAG Status:	FFA signed in March 2009	Five-Year Review Status:	Completed and planned
Contaminants:	Pesticides, PCBs, VOCs, heavy metals, chlorinated hydrocarbons, SVOCs, radioactive materials	IRP/MMRP Status Table:	Refer to page C-6-54
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Whiting Field Naval Air Station (NAS) trains student naval aviators, and has administrative responsibility for the Outlying Landing Field Barin, located in Alabama. Beginning in FY85, studies at this installation identified contaminated sites at Whiting Field NAS and the Outlying Landing Field Barin. Site types include disposal areas and pits, storage areas, spill areas, landfills, a disposal and burning area, a maintenance area, underground storage tanks (USTs), fuel pits, fire training areas, and drainage ditches. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed federal facility agreement (FFA) in FY09 to outline how they are going to proceed with cleanup. Whiting Field NAS formed a technical review committee responsible for communicating cleanup progress with the community in FY90; formed a technical review committee for the Outlying Landing Field Barin in FY02; converted both technical review committees to Restoration Advisory Boards (RABs) in FY05; and adjourned the RABs in FY09. The installation completed the Outlying Landing Field Barin's Community Relations Plan in FY93 and updated the community relations plan in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Sites 1 and 2 in FY06.

Whiting Field NAS has closed 12 sites. The installation closed Sites 3, 5/5A, 8, 9, 12, 14, 36, and 37 with no action, and Sites 6, 29, 31, and 38 with no further cleanup actions. The installation determined that Sites 1, 2, 10, 11, 13, 15, 17, 18, 30, 32, 33, and 35 required land use controls (LUCs), which restrict access to the sites. The installation also has closed ten sites at Outlying Land Field Barin. To date, the installation has signed 22 Records of Decision (RODs), which selected cleanup actions for 22 environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRPs sites were identified. Cleanup progress at Whiting Field NAS for FY05 through FY08 is summarized below.

In FY05, Whiting Field NAS continued cleanup for Site 7; continued monitoring LUCs for Sites 1, 2, 30, 32, and 33; signed five RODs requiring no action; and completed three

cleanup designs for cleanup action. The installation continued operations at UST 000002 and monitoring at UST 000005.

In FY06, Whiting Field NAS continued cleanup at Site 7 and UST 000002, and monitoring at Sites 1, 2, 30, 32, 33, and UST 000005. The installation completed six RODs: one ROD requiring no further action, and five RODs requiring LUCs. The installation also conducted cleanup operations at UST 000002. Under the MMRP, Whiting Field NAS submitted the preliminary assessment (PA) for the site. Whiting Field NAS completed five-year review reports for Sites 1 and 2.

In FY07, Whiting Field NAS completed LUC RODs for Sites 10 and 11. The installation prepared designs for LUCs at Sites 13, 15, 17, 18, and 35, and continued monitoring at Sites 1, 2, 30, 32, and 33. Under the MMRP, Whiting Field NAS identified two new sites (Former Gunnery Area and Skeet Range) in the PA, and awarded a contract for the site inspection (SI).

In FY08, Whiting Field NAS completed RODs for Sites 2 and 16; designs for LUCs at Sites 10 and 11; and the remedial investigation (RI) at Site 41. The installation continued cleanup activities at Sites 4 and 7, including installation and sampling of new groundwater and soil vapor extraction wells. The installation also continued RI activities at Site 40, including installation and sampling of new monitoring wells. Under the MMRP, Whiting Field NAS drafted a work plan for the SI at the former Gunnery Area and Skeet Range.

FY09 IRP Progress

Whiting Field NAS continued cleanup at Site 7. DoD and EPA signed the FFA.

No RAB meeting was held this past year but annual newsletters to all RAB members will continue and future meetings are possible.

FY09 MMRP Progress

Whiting Field NAS completed work plan for the SI for the former Gunnery Area and Skeet Range.

Plan of Action

Plan of action items for Whiting Field Naval Air Station are grouped below according to program category.

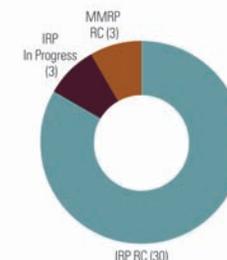
IRP

- Continue cleanup at Sites 4 and 7 in FY10.
- Complete cleanup and a ROD for Site 39 in FY10.
- Complete RI at Site 40 in FY10.
- Complete ROD and interim cleanup at Site 41 in FY10.

MMRP

- Complete the SI for the former Gunnery Area and Skeet Range in FY10.

FFID:	AZ957002858200	Est. CTC (Comp Year):	\$ 57.4 million (FY 2061)
Location (Size):	Mesa, Arizona (4,043 acres)	IRP Sites (Final RIP/RC):	33 (FY2011)
Mission:	Supported pilot training and ground equipment maintenance	MMRP Sites (Final RIP/RC):	3 (FY2008)
HRS Score:	37.93; placed on NPL in November 1989	Five-Year Review Status:	Completed and planned
IAG Status:	FFA signed in FY1990	IRP/MMRP Status Table:	Refer to page C-6-13
Contaminants:	VOCs, POLs, heavy metals, pesticides, UXO, SVOCs		
Media Affected:	Groundwater and Soil		
Funding to Date:	\$ 70.9 million		



Progress To Date

Williams Air Force Base (AFB) formerly supported pilot training and ground equipment maintenance. The installation has identified restoration sites, which include the liquid fuels storage area, Fire Protection Training Area (FPTA) 002, a collapsed stormwater line, spill sites (SSs), landfills (LFs), storage tanks (STs), and an old pesticide and paint shop. The potential risk to human health and the environment was significant enough for EPA to place Williams AFB on the NPL in 1989. DoD and EPA signed a federal facility agreement (FFA) in FY90 to outline how they were going to proceed with cleanup. The 1991 BRAC Commission recommended closure of the installation, and the installation closed in September 1993. With community input, the installation updated the BRAC cleanup plan to prioritize sites requiring environmental restoration in FY97 and FY05. To ensure continuous monitoring and improvement, Williams AFB completed five-year review reports in FY01 and FY06.

Williams AFB consolidated restoration sites into three operable units (OUs). In FY93, the installation created two more OUs after an environmental assessment of 30 additional areas. EPA and Williams AFB agreed to create a sixth OU in FY97. To date, Williams AFB has signed Records of Decision (RODs) selecting cleanup actions for OUs 1 through 5. The installations has transferred approximately 3,888 acres. In FY04, Williams AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. The installation closed all three MMRP sites in FY08. Cleanup progress at Williams AFB for FY05 through FY08 is summarized below.

In FY05, Williams AFB removed contamination from the Bullet Fragment Area of Concern (AOC), completing cleanup actions at the site. The installation began evaluating requirements at MMRP sites.

In FY06, Williams AFB began constructing a thermal treatability study (TS) pilot at OU 2 (ST 012). Williams AFB also installed additional groundwater monitoring wells and awarded a contract for a supplemental remedial investigation (RI) at OU 1 (LF 004). The installation submitted a five-year review report to regulators for review.

In FY07, Williams AFB continued long-term management (LTM) and began fieldwork for a supplemental investigation at OU 1 (LF 004).

In FY08, Williams AFB completed construction for a pilot TS and began its operation at OU 2 (ST 012). Williams AFB continued LTM at OU 1 (LF 004), and drafted a ROD for OU 6 (SS 017). Williams AFB transferred 31.3 acres for reuse. The installation closed all three MMRP sites.

FY09 IRP Progress

Williams AFB completed an extensive RI and feasibility study (FS) to evaluate cleanup alternatives at OU 1 (LF 004). The installation continued to operate the TS at OU 2 (ST 012). Williams AFB began the preliminary assessment and site inspection fieldwork for the Parcel N Debris AOC. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical and administrative issues delayed completion of the ROD amendment for OU 3 (FPTA 002) and the ROD for OU 6 (SS 017). Technical issues delayed completion of the pilot TS operation.

FY09 MMRP Progress

Williams AFB conducted no MMRP actions.

Plan of Action

Plan of action items for Williams Air Force Base are grouped below according to program category.

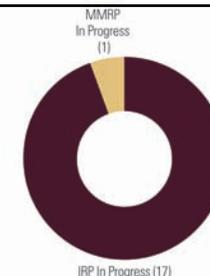
IRP

- Prepare five-year review report in FY10.
- Complete ROD for OU 6 (SS 017) and ROD amendment for OU 3 (FPTA 002) in FY10.
- Complete RI/FS report and ROD amendment for OU 1 (LF 004) in FY10.
- Complete fieldwork and report at the Parcel N Debris AOC in FY10.
- Complete five-year review report in FY10-FY11.
- Complete operation and evaluation of the pilot TS at OU 2 (ST 012) in FY10-FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	VA317002460500	Funding to Date:	\$ 12.0 million
Location (Size):	Yorktown, Virginia (1,578 acres)	Est. CTC (Comp Year):	\$ 15.0 million (FY 2025)
Mission:	Supply Atlantic Fleet ships and provide recreational opportunities to military and civilian personnel	IRP Sites (Final RIP/RC):	17 (FY2013)
HRS Score:	48.72; placed on NPL in December 2000	MMRP Sites (Final RIP/RC):	1 (FY2008)
IAG Status:	FFA signed in March 2005	Five-Year Review Status:	This installation is not required to complete a five-year review report.
Contaminants:	VOCs, explosives, propellants, PAHs, metals, PCBs, SVOCs	IRP/MMRP Status Table:	Refer to page C-6-174
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Williamsburg Fleet Industrial Supply Center (FISC) supplies Atlantic Fleet ships and provides recreational opportunities to military and civilian personnel. Contaminants at the installation include semivolatile organic compounds (SVOCs), polyaromatic hydrocarbons (PAHs), metals, and polychlorinated biphenyls (PCBs). These primarily affect groundwater, surface water, and sediment. The potential risk to human health and the environment from eight sites that are hydrologically connected to the Chesapeake Bay was significant enough for EPA to place Williamsburg FISC on the NPL in December 2000. DoD and EPA signed a federal facility agreement (FFA) in FY05 to outline how they were going to proceed with cleanup. The Naval Weapons Station Yorktown Restoration Advisory Board meets twice per year to discuss cleanup progress for Williamsburg FISC with the community.

To date, Sites 1, 4, 7, 9, 10, and 11, and Areas of Concern (AOCs) 1 and 2 have been investigated. Williamsburg FISC completed a Record of Decision (ROD) requiring no further action at Site 1. In FY03, the installation completed a Decision Document (DD) requiring no further response actions for Sites 2, 3, 5, 6, 8, and 10. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. Cleanup progress at Williamsburg FISC for FY05 through FY08 is summarized below.

In FY05, Williamsburg FISC signed an FFA for Cheatham Annex. The installation began cleanup at the area of debris discovered in the treeline, south of the original soil removal action at Site 1. The installation also completed a sediment work plan for a remedial investigation (RI) at Site 1 and began sampling. Williamsburg FISC completed the RI with a screening level assessment of potential risks to the environment at Sites 4 and 9.

In FY06, Williamsburg FISC completed the time-critical removal action shoreline stabilization project at Site 7. Under the MMRP, the installation completed a preliminary assessment and began a site inspection (SI) for the closed Marine Pistol and Rifle Range.

In FY07, Williamsburg FISC completed an RI with a screening level assessment of potential risks to the environment at Site 11. The installation also began a removal action for sediments at Site 1, completed a surface debris removal at AOC 7 (Drum and Can Disposal Area), and conducted investigations at the AOC north of Cheatham Annex Depot Building 14. Under the MMRP, the installation completed a field investigation of the closed Marine Pistol and Rifle Range, and began the SI report.

In FY08, Williamsburg FISC completed an RI with a baseline assessment of potential risks to the environment, and began an engineering evaluation and cost analysis at Site 11. The installation completed a final removal action for sediments at Site 1. Under the MMRP, Williamsburg FISC completed the SI report for the closed Marine Pistol and Rifle Range.

FY09 IRP Progress

Williamsburg FISC completed a ROD requiring no further action at Site 1. The installation also completed the removal of sediments at highly contaminated areas at Site 11, and completed SI fieldwork for Pennimann AOCs.

Regulatory issues delayed completion of the SI report for Penniman AOCs.

FY09 MMRP Progress

Williamsburg FISC conducted no MMRP actions.

Plan of Action

Plan of action items for Williamsburg FISC, Cheatham Annex are grouped below according to program category.

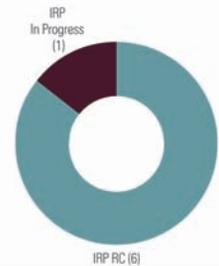
IRP

- Complete SIs at Sites 4, 7, 9, AOC 3, and Penniman AOCs in FY10.
- Complete proposed plan and ROD requiring no further cleanup actions at Site 11 in FY10.
- Complete ROD at Site 7 in FY11.
- Complete RI at AOC 9 in FY11.
- Complete DD requiring no further cleanup actions at AOCs 2 and 7 in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	PA357122534900	Est. CTC (Comp Year):	\$ 1.4 million (FY 2013)
Location (Size):	Willow Grove, Pennsylvania (210 acres)	IRP Sites (Final RIP/RC):	7 (FY2007)
Mission:	Train personnel for air transport and air evacuation activities	MMRP Sites (Final RIP/RC):	None
HRS Score:	50.00; placed on NPL in September 1995	Five-Year Review Status:	This installation is not required to complete a five-year review report.
IAG Status:	None	IRP/MMRP Status Table:	Refer to page C-7-46
Contaminants:	SVOCs, chlorinated solvents, jet fuel, VOCs		
Media Affected:	Groundwater, Sediment, Soil		
Funding to Date:	\$ 8.4 million		



Progress To Date

The primary mission of the 913th Airlift Wing at the Willow Grove Air Reserve Station (ARS) is to train personnel for various air transport and air evacuation activities, to operate base facilities and air terminals, and to provide support to assigned units. Industrial activities at Willow Grove ARS include aircraft maintenance, base civil engineering, and fuel storage. Aircraft maintenance operations involve the full range of repair and maintenance activities for aircraft and aerospace ground equipment. Base civil engineering operations involve generation of waste solvents, oils, miscellaneous chemicals, and paints from various shops, including a paint shop, plumbing shop, photography lab, carpentry shop, and several flammable-material storage facilities. Fuel storage operations include the bulk storage of jet fuel. The potential risk to human health and the environment was significant enough for DoD and EPA to jointly place the installation and the adjacent Willow Grove Naval Air Station on the NPL in September 1995. The installation formed a joint Restoration Advisory Board (RAB) with the Navy in August 1994 to discuss cleanup progress with the community.

Willow Grove ARS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) in FY05; no MMRP sites were identified. Cleanup progress at Willow Grove ARS for FY05 through FY08 is summarized below.

In FY05, the installation completed quarterly groundwater sampling from the monitoring wells and performance sampling at Zones B, D, and H. Willow Grove ARS also performed a cleanup process optimization study and completed a preliminary cleanup system design of petroleum/oil/lubricants (POL) site (ST 01) to evaluate site conditions. Willow Grove ARS held quarterly RAB meetings.

In FY06, Willow Grove ARS completed two quarterly compliance samplings. The installation also completed the final cleanup system design of ST 01, abandoned 13 monitoring wells, and developed a work plan for a supplemental investigation on the POL site to fill data gaps and complete site characterization. The installation held quarterly RAB meetings.

In FY07, Willow Grove ARS constructed a cleanup system and performed operations and maintenance (O&M). Additionally, the installation completed three compliance samplings. The installation also conducted a field investigation at ST 01.

In FY08, Willow Grove ARS performed cleanup system O&M, and performance sampling at Zone H associated with ST 01. The installation also completed four compliance samplings, a follow-on investigation, and an alternatives analysis at this site.

FY09 IRP Progress

Willow Grove ARS completed four compliance samplings at ST 01. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Technical issues delayed the removal of contaminated soils and the relocation of the cleanup system to the off-base leased property at the ST 01.

FY09 MMRP Progress

Willow Grove ARS has identified no MMRP sites.

Plan of Action

Plan of action items for Willow Grove Air Reserve Station are grouped below according to program category.

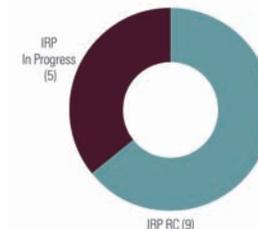
IRP

- Conduct a pilot treatability study on the contaminated soils and implement recommendations in FY10.
- Install manifold on and relocate the cleanup system at ST 01 in FY10.
- Complete the removal of the contaminated soils at ST 01 in FY10.
- Continue O&M on the cleanup system and conduct quarterly compliance monitoring at ST 01 in FY10-11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	PA317002231200	Funding to Date:	\$ 11.3 million
Location (Size):	Willow Grove, Pennsylvania (1,090 acres)	Est. CTC (Comp Year):	\$ 4.6 million (FY 2041)
Mission:	Serve as Reserve naval air station for aviation training activities	IRP Sites (Final RIP/RC):	14 (FY2013)
HRS Score:	50.00; placed on NPL in September 1995	MMRP Sites (Final RIP/RC):	None
IAG Status:	FFA signed in 2005	Five-Year Review Status:	Planned
Contaminants:	Heavy metals, PCBs, POLs, solvents, VOCs, SVOCs, explosives, propellants, radioactive materials	IRP/MMRP Status Table:	Refer to page C-7-46
Media Affected:	Groundwater, Surface Water, Sediment, Soil		



Progress To Date

Willow Grove Naval Air Station (NAS) Joint Reserve Base serves as a reserve NAS for aviation training activities. Contaminated site types include landfills, underground storage tanks, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in September 1995. In FY05, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended closure of Willow Grove NAS Joint Reserve Base. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY95; the RAB meets regularly. Willow Grove NAS Joint Reserve Base established an administrative record and information repository in FY91, and a community relations plan was developed in FY97.

To date, the installation has signed a Record of Decision (ROD) requiring no further cleanup actions for soil at Site 1. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. Cleanup progress at Willow Grove NAS Joint Reserve Base for FY05 through FY08 is summarized below.

In FY05, the BRAC Commission recommended closure of Willow Grove NAS Joint Reserve Base. The installation also completed the FFA.

In FY06, the Navy and EPA, with concurrence from the Pennsylvania Department of Environmental Protection, signed a ROD requiring no further cleanup actions for soil at Site 1. Willow Grove NAS Joint Reserve Base also completed a work plan and fieldwork for a remedial investigation (RI) at Site 3.

In FY07, Willow Grove NAS Joint Reserve Base completed the CERFA identification of uncontaminated parcels; EPA concurred with the determination. The Navy and EPA, with concurrence from the Pennsylvania Department of Environmental Protection, signed a ROD requiring no further cleanup action for soil at Site 5.

In FY08, Willow Grove NAS Joint Reserve Base completed a groundwater proposed cleanup plan and ROD for Site 1, and follow-on geophysical surveys at Site 3. The installation also began a groundwater biostimulation pilot study at Site 5 by adding nutrients to groundwater to stimulate naturally occurring bacteria. Willow Grove NAS joint reserve base conducted three RAB meetings, held a tour of environmental restoration sites, and continued partnering efforts with regulators.

FY09 IRP Progress

Willow Grove NAS joint reserve base completed additional testing for the RI at Site 3, and the RI at Site 2.

Administrative issues delayed completion of the design for groundwater land use controls, which restricts use of or access to groundwater at Site 1. Technical issues delayed completion of the ROD requiring no further cleanup action at Site 2.

FY09 MMRP Progress

Willow Grove NAS has identified no MMRP sites.

Plan of Action

Plan of action items for Willow Grove Naval Air Station Joint Reserve Base are grouped below according to program category.

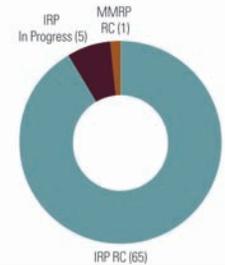
IRP

- Complete groundwater pilot study operations at Site 5 and begin proposed plan (PP) in FY10.
- Complete the RI for Site 3, and begin the FS and PP in FY10.
- Sign ROD requiring no further cleanup actions for Site 2 in FY10.
- Conduct Phase I RI at Site 12 in FY10.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	OH557172431200	Funding to Date:	\$ 196.9 million
Location (Size):	Dayton, Ohio (8,145 acres)	Est. CTC (Comp Year):	\$ 16.6 million (FY 2028)
Mission:	Serve as host to many organizations, including headquarters Air Force Materiel Command	IRP Sites (Final RIP/RC):	70 (FY2010)
HRS Score:	57.85; placed on NPL in October 1989	MMRP Sites (Final RIP/RC):	1 (FY2003)
IAG Status:	FFA signed in March 1991	Five-Year Review Status:	Completed and planned
Contaminants:	Acids, plating wastes, VOCs, waste oils and fuels, SVOCs, solvents, TCE	IRP/MMRP Status Table:	Refer to page C-6-135
Media Affected:	Soil and Groundwater		



Progress To Date

Wright-Patterson Air Force Base (AFB) serves as host to many organizations, including headquarters Air Force Materiel Command. Past activities at Wright-Patterson AFB created spill sites (SSs) and unlined waste disposal areas, including landfills (LFs), fire training areas, underground storage tanks, earth fill disposal areas, and coal storage areas. Soil and groundwater are contaminated with volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), trichloroethylene (TCE), benzene, toluene, ethyl benzene, xylene compounds, and fuel and its combustion by-products. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1991 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY06.

To date, the installation has identified 66 sites and 4 areas of concern (AOCs). Wright-Patterson AFB has signed Records of Decision (RODs) to select cleanup actions at LFs 8 and 10 (Operable Unit [OU] 1) and SSs 2, 3, and 10 (OU 2). Additionally, the installation signed RODs requiring no further cleanup actions at 41 sites (38 sites, 2 AOCs, and an explosive ordnance disposal range). The installation also signed an additional ROD requiring no further cleanup actions at 21 soil sites. In FY97, the installation signed the ROD for the Groundwater OU. After signing the RODs, the installation discovered contamination at two AOCs (Buildings 25 and 79/95) and two sites (Buildings 58 and 59). In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no new MMRP sites were identified. Cleanup progress at Wright-Patterson AFB for FY05 through FY08 is summarized below.

In FY05, Wright-Patterson AFB conducted operation and maintenance (O&M) and long-term management (LTM) activities.

In FY06, Wright-Patterson AFB completed its second five-year review report and optimized O&M and LTM requirements. Wright-Patterson AFB also completed the removal action of

contaminated soils at Facility 20055. The installation completed a quality assurance project plan and received regulatory approval.

In FY07, Wright-Patterson AFB accomplished a cleanup process optimization for LFs 8 and 10, which reduced overall monitoring at these sites by 30 percent. The installation began a preliminary assessment (PA) of MMRP sites at the installation.

In FY08, Wright-Patterson AFB continued O&M and LTM of groundwater and LF operations. The installation completed a soil cover project at LF 7 and abandoned groundwater monitoring wells. Wright-Patterson AFB received approval of the ROD for the Groundwater OU cleanup optimization process. The installation also began the pump-and-treat system at OU 5. Wright-Patterson AFB completed additional interim actions to address VOCs in soil at Building 55.

FY09 IRP Progress

Wright-Patterson AFB continued O&M and LTM of groundwater and LF operations. The installation also continued development of a proposed plan (PP) for soils at Building 59 and AOC Buildings 25 and 79/95. Regulators approved and the installation implemented the reduction of analytical sampling of monitoring wells and confirmation of well abandonment. The installation began a contract to perform a final soil removal action at Building 55. The installation awarded projects to conduct its third five-year review report and partially delist soil sites from the NPL. The cost of completing environmental restoration changed significantly due to changes in estimating criteria.

FY09 MMRP Progress

The US Army Corps of Engineers performed archive searches and field investigations in support of a PA at the installation.

Plan of Action

Plan of action items for Wright-Patterson Air Force Base are grouped below according to program category.

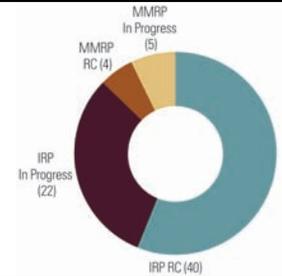
IRP

- Continue O&M at LFs and LTM of groundwater in FY10.
- Continue groundwater treatment system optimization in FY10.
- Complete cleanup action, a PP, and a ROD at Building 55 in FY10.
- Complete the third five-year review report in FY10.
- Compile documentation for partial delisting of soils from the NPL and submit to regulators in FY10.
- Continue OU 2 ROD optimization in FY10.

MMRP

- Complete review and coordination of a PA in FY10.
- Complete review and coordination of the site inspection (SI) work plan and complete SI in FY10.

FFID:	MI557002427800	Est. CTC (Comp Year):	\$ 19.5 million (FY 2047)
Location (Size):	Oscoda, Michigan (4,627 acres)	IRP Sites (Final RIP/RC):	62 (FY2010)
Mission:	Supported fighter, bomber, and cargo aircraft operations	MMRP Sites (Final RIP/RC):	9 (FY2010)
HRS Score:	50.00; placed on NPL in January 1994	Five-Year Review Status:	Underway and planned
IAG Status:	N/A	IRP/MMRP Status Table:	Refer to page C-6-103
Contaminants:	Spent solvents, UXO, VOCs, SVOCs, metals, POLs		
Media Affected:	Surface Water, Soil, Groundwater		
Funding to Date:	\$ 62.8 million		



Progress To Date

Prior to its closure, the mission of Wurtsmith Air Force Base (AFB) was to conduct tactical fighter and bomber training. Sites at the installation include a waste solvent underground storage tank (UST), bulk storage areas for petroleum/oil/lubricants (POLs), aboveground storage tanks, fire training areas, landfills (LFs), and an aircraft crash site. Volatile organic compounds (VOCs) at the installation include trichloroethylene (TCE), dichloroethene, vinyl chloride, benzene, toluene, ethyl benzene, and xylenes, all of which primarily affect groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in January 1994. The 1991 BRAC Commission recommended closure of Wurtsmith AFB and the installation closed in June 1993. The BRAC cleanup team developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board in FY94 to discuss its cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY04.

In FY04, the installation conducted an inventory of sites suspected to contain contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Wurtsmith AFB for FY05 through FY08 is summarized below.

In FY05, Wurtsmith AFB completed remedial investigation (RI) fieldwork at Spill Site (SS) 072 and prepared the draft RI report. The installation obtained approval of a five-year review report. The installation began evaluating requirements at identified MMRP sites.

In FY06, Wurtsmith AFB completed a site assessment for the UST at Building 5002 and fieldwork at LFs 030 and 031 to provide additional cleanup information to the Michigan Department of Environmental Quality. The installation also submitted a risk assessment to the state to modify the allowable discharge of tetrachloroethylene (PCE) into the wetland. Under the MMRP, Wurtsmith AFB completed an archive search report to identify and evaluate all sites and determine necessary follow-on actions. The installation identified five additional MMRP sites: Fire-In Butt, Skeet Range (South), Skeet Range (West), Grenade Range, and North

Explosive Ordnance Disposal Range. In FY07, Wurtsmith AFB completed decision documents (DDs) selecting cleanup actions for Storage Tanks (STs) 068, 069, and 071. The installation also mapped the potential for well water to come from a PCE-contaminated area at Other (OT) site 024 and cleared a 52-acre parcel for transfer. The installation investigated LFs 030 and 031 and cleared a 17-acre parcel for transfer. Wurtsmith AFB began plans to resolve a RCRA cap issue at LFs 030 and 031 by proposing to install a pump-and-treat system. Under the MMRP, Wurtsmith AFB completed a site inspection (SI) at the Fire-In Butt and recommended that no further cleanup action was necessary. The installation completed SI work plans for four other sites and cleared munitions explosives of concern from the North Explosive Ordnance Disposal Range. Wurtsmith AFB placed land use controls (LUCs) on land transfers at two MMRP sites (the Bombing/Strafing Range and the Weapons Storage Area), restricting the use of or access to the sites.

In FY08, Wurtsmith AFB awarded a contract for cleanup design and action at SS 072, cleanup implementation at LFs 030 and 031, and a qualitative risk assessment at LF 027. The installation completed an SI for Fire Protection Training Area (FPTA) 002. Wurtsmith AFB documented that SS 071 was operating properly and successfully, which allowed two parcels located on the site to be transferred. In addition, Wurtsmith AFB implemented LUCs on all property within the installation's boundaries. The installation completed SI fieldwork at four MMRP sites.

FY09 IRP Progress

Wurtsmith AFB drafted the DD for LFs 030 and 031, which included the pump-and-treat system proposal. The installation began designing cleanup processes for LFs 030 and 031, and SS 072, and began a feasibility study (FS) to evaluate cleanup alternatives at SS 072. Wurtsmith AFB completed an SI at FPTA 002. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Contractual issues delayed completion of the FS for SS 072. Regulatory issues delayed completion of the DD for LFs 030 and 031 and the explanation of significant differences for the

ROD for Site OT 024. Technical issues delayed completion of the risk assessment for LF 027 and the draft DD for FPTA 002.

FY09 MMRP Progress

The installation completed groundwater fieldwork at the Grenade Range; no further cleanup action is required. Wurtsmith AFB implemented LUCs at all MMRP sites.

Regulatory issues delayed completion of DDs for four MMRP sites.

Plan of Action

Plan of action items for Wurtsmith Air Force Base are grouped below according to program category.

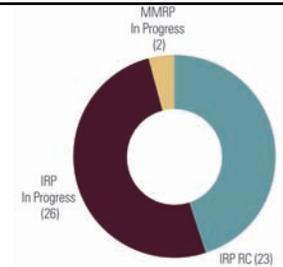
IRP

- Complete DD for LFs 030 and 031, and begin constructing cleanup systems in FY10.
- Complete DD/FS for SS 072 and begin constructing cleanup systems in FY10.
- Complete DD for FPTA 002 in FY10.
- Begin new investigation at LF 027 in FY10.
- Complete explanation of significant differences for the ROD for OT 024 in FY10.
- Obtain approval of five-year review report in FY10.

MMRP

- Conduct ongoing hazard recognition training in FY10.
- Complete DDs for four MMRP sites in FY10.

FFID:	VA317002417000	Media Affected:	Groundwater, Surface Water, Sediment, Soil
Location (Size):	Yorktown, Virginia (10,624 acres)	Funding to Date:	\$ 57.6 million
Mission:	Provide technical support and maintenance, modifications, production, loading, off-loading, and storage for Atlantic Fleet	Est. CTC (Comp Year):	\$ 25.9 million (FY 2039)
HRS Score:	50.00; placed on NPL in October 1992	IRP Sites (Final RIP/RC):	49 (FY2018)
IAG Status:	FFA signed in August 1994	MMRP Sites (Final RIP/RC):	2 (FY2014)
Contaminants:	Acids, asbestos, explosives, cadmium, zinc, lead, mercury, PAHs, VOCs, paint thinners, solvents, PCBs, waste oils, nickel, varnishes, SVOCs, metals, propellants, explosives	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-175



Progress To Date

Yorktown Naval Weapons Station (NWS) provides ordnance technical support and related services to the Atlantic Fleet. Six contaminated sites are hydrologically connected to the Chesapeake Bay. Contaminants include explosive nitramine compounds and volatile organic compounds (VOCs) that affect groundwater, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in September 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Yorktown NWS for realignment. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. In FY02, the installation updated the community relations plan. To ensure continuous monitoring and improvement, Yorktown NWS completed five-year review reports in FY02 and FY08.

To date, Yorktown NWS has completed 16 Records of Decision (RODs), which selected cleanup actions for 16 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Yorktown NWS for FY05 through FY08 is summarized below.

In FY05, Yorktown NWS finalized a ROD requiring no further cleanup action for soils at Site 4, and a ROD requiring no action for Site 18. Additionally, the installation completed the draft final long-term monitoring report for Site 12, and work plans for investigation of mercury contamination in Ballard Creek downstream of Site 12. The installation also finalized the remedial investigation (RI) for Sites 27 through 30, work plans for Operable Unit (OU) 1, and master project plans.

In FY06, Yorktown NWS completed a ROD requiring no action for Site 27, and long-term monitoring at Sites 1, 3, and 7. The installation began a baseline assessment of potential risk to the environment for the wetlands downgradient of Site 12 (Supply Support Area (SSA) 25). Under the MMRP, Yorktown NWS completed the preliminary assessment and began the site

inspection (SI) for the Morale, Welfare, and Recreation Skeet Range.

In FY07, Yorktown NWS completed the Round I RI and began the Round II RI for groundwater at OU 1. The installation also completed an engineering evaluation and cost analysis for Site 30. Under the MMRP, Yorktown NWS completed the field investigation for the closed Morale, Welfare, and Recreation Skeet Range and began the SI report.

In FY08, Yorktown NWS determined that all sites were in compliance. The installation also completed the removal action at Site 30. Under the MMRP, the installation completed an SI report for the closed Morale, Welfare, and Recreation Skeet Range with no further cleanup action required. Yorktown NWS also completed a second five-year review report.

FY09 IRP Progress

Yorktown NWS continued Round II RI for groundwater at OU 1; however, administrative issues delayed its completion. Regulatory issues delayed completion of a ROD for Site 29 and groundwater for Sites 11 and 17. The cost of completing environmental restoration has changed significantly due to technical issues.

FY09 MMRP Progress

The installation completed an evaluation of potential hazards at Site 2 for prioritization purposes.

Plan of Action

Plan of action items for Yorktown Naval Weapons Station are grouped below according to program category.

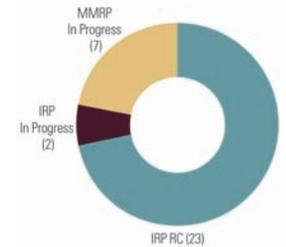
IRP

- Complete RI at Site 31, and Round II RI at OU 1 in FY10.
- Complete RODs for Sites 11, 17, and 29 in FY10.
- Complete removal action at Site 32 (SSA 25) in FY10.
- Complete RI at Sites 1, 3, and 6 in FY11.

MMRP

There are no MMRP actions scheduled for FY10 or FY11.

FFID:	AZ917302449300	Funding to Date:	\$ 51.5 million
Location (Size):	Yuma, Arizona (4,741 acres)	Est. CTC (Comp Year):	\$ 14.2 million (FY 2021)
Mission:	Support tactical aircrew combat training for Pacific and Atlantic Fleet Marine Corps Forces	IRP Sites (Final RIP/RC):	25 (FY2001)
HRS Score:	32.24; placed on NPL in February 1990	MMRP Sites (Final RIP/RC):	7 (FY2019)
IAG Status:	FFA signed in January 1992	Five-Year Review Status:	Completed and planned
Contaminants:	Petroleum hydrocarbons, SVOCs, trihalomethanes, VOCs, metals, explosives, propellants, JP-5	IRP/MMRP Status Table:	Refer to page C-6-12
Media Affected:	Groundwater and Soil		



Progress To Date

The Yuma Marine Corps Air Station (MCAS) supports tactical aircrew combat training for Pacific and Atlantic Fleet Marine Corps Forces. Initial investigations conducted at the installation identified 20 CERCLA sites and 5 underground storage tank (UST) sites. Site types include landfills, sewage lagoons, liquid waste disposal areas, and ordnance and low-level radioactive material disposal sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Yuma MCAS for realignment. To ensure continuous monitoring and improvement, the installation completed a five-year review report for Operable Unit (OU) 2 in FY03 and updated it in FY04. The installation also completed a five-year review report for OU 1 in FY04.

To date, the installation signed two Records of Decision which selected cleanup actions for 25 Installation Restoration Program (IRP) sites. The installation required no further construction of cleanup systems at three of eighteen soil IRP sites. The remaining fifteen sites, and five UST IRP sites have closed. One groundwater site (OU 1) is made up of four areas contaminated with chlorinated solvent (Plume Areas 1, 2, 3, and 6) and two areas contaminated with fuel (Plume Areas 4, 5, and 5a). OU 1 Areas 4, 5, 5a, and 6 closed. Cleanup progress at Yuma MCAS for FY05 through FY08 is summarized below.

In FY05, the installation abandoned monitoring wells at Plume Areas 5a and 6. The installation also requested permanent shutdown of the operating cleanup system and site closure at Plume Area 2. The installation continued operation and maintenance (O&M) at one groundwater cleanup system at OU 1, and long-term management (LTM) at Plume Areas 1, 2, and 3. The installation investigated and found no significant contamination at Plume Area 3.

In FY06, Yuma MCAS requested and received site closures at Plume Areas 2 and 3. The EPA approved the permanent shutdown of the operating cleanup system located at the leading edge of a plume area. The installation reduced LTM from quarterly to twice per year and reduced the number of

monitoring wells by 50 percent. The installation also continued O&M at one groundwater remedial system at OU 1 and continued LTM at Plume Area 1. Under the MMRP, the installation began work plans for site inspections (SIs).

In FY07, Yuma MCAS continued LTM at Plume Area 1. The installation abandoned monitoring wells at Plume Areas 2 and 3, and shutdown the air sampling (AS) and soil vapor extraction (SVE) system. Yuma MCAS continued to maintain the AS/SVE system in temporary shutdown mode at the highly contaminated area. Yuma MCAS also performed groundwater sampling as detailed in the LTM work plan. Under the MMRP, the installation prioritized all sites, developed work plans, and began fieldwork for SIs.

In FY08, Yuma MCAS continued LTM at Plume Area 1, and monitoring of the groundwater rebound in the shutdown AS/SVE system. Under the MMRP, the installation completed abandonment of groundwater monitoring wells. Yuma MCAS also published a public notice of the SIs in the local newspaper.

FY09 IRP Progress

Yuma MCAS completed the inventory and inspection of all wells installed at the base. The installation also completed its last monitoring event for groundwater rebound for possible permanent AS/SVE shutdown.

Contractual issues delayed completion of the abandonment report for the Leading Edge of a Plume Area.

FY09 MMRP Progress

Technical issues delayed completion of work plans for SIs.

Plan of Action

Plan of action items for Yuma Marine Corps Air Station are grouped below according to program category.

IRP

- Complete the five-year review report in FY10.
- Complete the well abandonment report for the Leading Edge of a Plume Area in FY10-FY11.
- Submit a request for closure of OU1 in FY10-FY11.

MMRP

- Identify sites that require no further cleanup action and further characterize sites within the SI report in FY10.



E

Acronyms

AAP	Army Ammunition Plant	CAP	Corrective Action Plan	DEP	Defense Environmental Programs
AC&R	Air Conditioning and Refrigeration	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	DERA	Defense Environmental Restoration Account
AFB	Air Force Base	CERDEC	Communications and Electronics Research, Development, and Engineering Center	DERP	Defense Environmental Restoration Program
AFCEE	Air Force Center for Engineering and the Environment	CERFA	Community Environmental Response Facilitation Act	DESC	Defense Energy Support Center
AFRPA	Air Force Real Property Agency	CFC	Chlorofluorocarbon	DISDI	Defense Installations Spatial Data Infrastructure
AFWA	Association of Fish and Wildlife Agencies	CMI	Corrective Measures Implementation	DISP	Defense Installations Strategic Plan
AIRFA	American Indian Religious Freedom Act	CMP	Compliance Management Plan	DLA	Defense Logistics Agency
ANCSA	Alaska Native Claims Settlement Act	CMS	Corrective Measures Study	DMM	Discarded Military Munitions
AOC	Area of Concern	CO	Carbon Monoxide	DNAPL	Dense Nonaqueous Phase Liquid
ARC	Annual Report to Congress	CO₂	Carbon Dioxide	DNSC	Defense National Stockpile Center
AREE	Area Requiring Environmental Evaluation	CON/HTRW	Containerized Hazardous, Toxic, and Radioactive Waste	DoD	Department of Defense
ATSDR	Agency for Toxic Substances and Disease Registry	CRP	Community Relations Plan	DoDD	Department of Defense Directive
BCP	BRAC Cleanup Plan	CTC	Cost-to-Complete	DoDI	Department of Defense Instruction
BCT	BRAC Cleanup Team	CTT	Closed, Transferred, or Transferring	DOE	Department of Energy
BD/DR	Building Demolition and Debris Removal	CWA	Clean Water Act	DOI	Department of the Interior
BIA	Bureau of Indian Affairs	CWM	Chemical Weapons Materiel	DOJ	Department of Justice
BRAC	Base Realignment and Closure	CY	Calendar Year	DON	Department of Navy
BTEX	Benzene, Toluene, Ethylbenzene, and Xylene (solvents)	DD	Decision Document	DPG	Defense Planning Guidance
C&D	Construction and Demolition	DDESB	Department of Defense Explosives Safety Board	DRMO	Defense Reutilization and Marketing Office
CAA	Clean Air Act	DDT	Dichlorodiphenyltrichloroethane	DSERTS	Defense Site Environmental Restoration Tracking System
CA	Cooperative Agreement	DENIX	Defense Environmental Network and Information eXchange	DSMOA	Defense and State Memorandum of Agreement
				DTRA	Defense Threat Reduction Agency

DUSD(I&E)	Deputy Under Secretary of Defense for Installations & Environment	ESTCP	Environmental Security Technology Certification Program	HHRA	Human Health Risk Assessment
DWCF	Defense Working Capital Fund	ETA	Early Transfer Authority	HMMWV	High-Mobility Multipurpose Wheeled Vehicle
DWFP	Defense Warfighter Protection	EU	European Union	HQMC	Headquarters, Marine Corps
EBS	Environmental Baseline Survey	FAA	Federal Aviation Administration	HRS	Hazard Ranking System
ECE	Environmental Compliance Evaluation	FEMP	Federal Energy Management Program	HTRW	Hazardous, Toxic, and Radioactive Waste
ECU	Environmental Control Unit	FFA	Federal Facility Agreement	IAG	Interagency Agreement
EDC	Economic Development Conveyance	FFID	Federal Facility Identification number	IAS	Initial Assessment Study
EE/CA	Engineering Evaluation and Cost Analysis	FFS	Focused Feasibility Study	ICRMP	Integrated Cultural Resource Management Plan
EISA	Energy Independence and Security Act	FGS	Final Governing Standards	INPR	Inventory Project Report
EMS	Environmental Management System	FIGRA	Federal Insecticide, Fungicide, and Rodenticide Act	INRMP	Integrated Natural Resource Management Plan
E.O.	Executive Order	FISC	Fleet Industrial Supply Center	IRA	Interim Remedial Action
EPA	U.S. Environmental Protection Agency	FMR	Financial Management Regulation	IRP	Installation Restoration Program
EPCRA	Emergency Planning and Community Right-to-Know Act	FOSET	Finding of Suitability for Early Transfer	ISO	International Organization for Standardization
EPEAT	Electronic Product Environmental Assessment Tool	FOSL	Finding of Suitability to Lease	ISWM	Integrated Solid Waste Management
ER	Environmental Restoration	FOST	Finding of Suitability to Transfer	IWTP	Industrial Wastewater Treatment Program
ERLS	Environmental Reporting and Logistics System	FS	Feasibility Study	JGEnvAtt	Joint Group on Environmental Attributes
ESA	Endangered Species Act	FUDS	Formerly Used Defense Site	LNAPL	Light Nonaqueous Phase Liquid
ESD	Explanation of Significant Differences	FWS	U.S. Fish and Wildlife Service	LRA	Local Redevelopment Authority
ESI	Expanded Site Inspection	FY	Fiscal Year	LTM	Long-Term Management
ESOH	Environmental, Safety, and Occupational Health	GIS	Geographic Information System	LTO	Long-Term Operations
		GPP	Green Procurement Program	LUC	Land Use Control
		HAP	Hazardous Air Pollutant		
		HazMat	Hazardous Materials		

MC	Munitions Constituents	NAS	Naval Air Station	O₃	Ozone
MCAS	Marine Corps Air Station	NASA	National Aeronautics and Space Administration	OB/OD	Open Burning/Open Detonation
MCB	Marine Corps Base	NAVFAC	Naval Facilities Engineering Command	ODA	Ocean Dumping Act
MCL	Maximum Contaminant Level	NAWC	Naval Air Warfare Center	ODS	Ozone-depleting Substance
MCLB	Marine Corps Logistics Base	NAWS	Naval Air Weapons Station	OEWF	Ordnance and Explosives Waste
MCRAD	Military Cultural Resources Analysis Database	NCAW	Net Chemical Agent Weight	OFEE	Office of the Federal Environmental Executive
MDA	Missile Defense Agency	NCS	Naval Communication Station	OP&S	Operating Properly and Successfully
MEC	Munitions and Explosives of Concern	NDAA	National Defense Authorization Act	OSD	Office of the Secretary of Defense
MEK	Methyl Ethyl Ketone	NDAI	No Defense Action Indicated	OU	Operable Unit
MilCon	Military Construction	NEPA	National Environmental Policy Act	PA	Preliminary Assessment
MMRP	Military Munitions Response Program	NFA	No Further Action	PAH	Polyaromatic Hydrocarbons
MOA	Memorandum of Agreement	NFRAP	No Further Remedial Action Planned	Pb	Lead
MOU	Memorandum of Understanding	NHO	Native Hawaiian Organizations	PBC	Performance-based Contract
MPCD	Marine Pollution Control Device	NHPA	National Historic Preservation Act	PBT	Persistent Bioaccumulative Toxic
MRS	Munitions Response Site	NIM	Natural Infrastructure Management	PCB	Polychlorinated Biphenyl
MRSP	Munitions Response Site Prioritization Protocol	NOx	Nitrogen Oxide	PCP	Pentachlorophenol
MSC	Military Sealift Command	NPDES	National Pollution Discharge Elimination System	PHA	Public Health Assessment
NAAQS	National Ambient Air Quality Standards	NPL	National Priorities List	PHC	Petroleum Hydrocarbons
NAF	Naval Air Facility	NRC	Nuclear Regulatory Commission	PM	Particulate Matter
NAGPRA	Native American Graves Protection and Repatriation Act	NSWC	Naval Surface Warfare Center	POL	Petroleum, Oil, and Lubricants
NALEMP	Native American Land Environmental Mitigation Program	NTCRA	Non-Time-Critical Removal Action	POTW	Publicly Owned Treatment Works
NAMSEI	Native American Management System for Environmental Impacts	NWIRP	Naval Weapons Industrial Reserve Plant	ppb	Parts per Billion
		O&M	Operation and Maintenance	ppm	Parts per Million
				PRAP	Proposed Remedial Action Plan
				PROC	Procurement

PRP	Potentially Responsible Party	SARA	Superfund Amendments and Reauthorization Act	USD(AT&L)	Under Secretary of Defense for Acquisition, Technology, and Logistics
PWS	Public Water System	SDWA	Safe Drinking Water Act	USGS	U.S. Geological Survey
QRP	Qualified Recycling Program	SEBS	Supplemental Environmental Baseline Survey	UST	Underground Storage Tank
RA	Remedial Action	SERDP	Strategic Environmental Research and Development Program	UV	Ultraviolet
RAB	Restoration Advisory Board	SI	Site Inspection	UXO	Unexploded Ordnance
RAC	Risk Assessment Code	SO₂	Sulfur Dioxide	VOC	Volatile Organic Compound
RA-C	Remedial Action Construction	SVE	Soil Vapor Extraction	VSI	Visual Site Inspection
RA-O	Remedial Action Operation	SWMU	Solid Waste Management Unit		
RAP	Remedial Action Plan	TAPP	Technical Assistance for Public Participation		
RC	Response Complete	TCE	Trichloroethylene		
RCRA	Resource Conservation and Recovery Act	TCRA	Time-Critical Removal Action		
RD	Remedial Design	TER-S	Threatened, Endangered, and At-Risk Species		
RDT&E	Research, Development, Testing, and Evaluation	TES	Threatened and Endangered Species		
RDX	Royal Demolition eXplosive	TNT	Trinitrotoluene		
REPI	Readiness and Environmental Protection Initiative	TPH	Total Petroleum Hydrocarbons		
RFA	RCRA Facility Assessment	TRC	Technical Review Committee		
RFI	RCRA Facility Investigation	TRI	Toxic Release Inventory		
RI	Remedial Investigation	UIC	Underground Injection Control		
RIP	Remedy in Place	UNDS	Uniform National Discharge Standards		
RMIS	Restoration Management Information System	USACE	U.S. Army Corps of Engineers		
ROD	Record of Decision	USC	United States Code		
RRSE	Relative Risk Site Evaluation	USDA	U.S. Department of Agriculture		
RSE	Removal Site Evaluation				
SAIA	Sikes Act Improvement Act				



F

Contacts

Department of Defense

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(Environment, Safety, and Occupational Health)
3400 Defense Pentagon
Room 3B856A
Washington, DC 20301-0101

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110 Army Pentagon
Assistant Room 3E464
Washington, DC 20301-0101

<https://www.asaie.army.mil/Public/IE/default.html>

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Washington, DC 20350-1000

Department of the Air Force

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(Energy, Environment, Safety, and Occupational Health)
1665 Air Force Pentagon
Washington, DC 20330-1665

* Includes FUDS program

† Includes Marine Corps

Defense Logistics Agency

Environmental and Safety Policy Office

HQ DLA
8725 John J. Kingman Road
Suite 2639, Stop 6220
Fort Belvoir, VA 22060-6220

<http://www.dla.mil/dss/dss-e/>

Defense Threat Reduction Agency

8725 John J. Kingman Road
Stop 6201
Fort Belvoir, VA 22060-6220

or

6200 Meade Road
Fort Belvoir, VA 22060-5264

<http://www.dtra.mil>

For information on small business, write to:

OSD Office of Small Business Programs

Crystal Gateway North
Suite 406 - West Tower
201 12th St. South
Arlington, VA 22202

Army Small Business Office

Attn: SADB
106 Army Pentagon
Room 3B514
Washington, DC 20301-0106

Office of the Secretary of the Navy Small Business Programs

720 Kennon Street
SE Building 36, Room 207
Washington, DC 20374-5015

Army Corps of Engineers Small Business Office

441 G Street, NW
Washington, DC 20314-1000

Air Force Small Business Office

SAF/SB
1060 Air Force Pentagon
Washington, DC 20330-1060



G

Web sites

Previous Reports

Defense Environmental Programs (DEP) Annual Reports to Congress

Online copy of the Fiscal Year (FY) 2004 through FY2007 DEP Annual Reports to Congress. This report combines the former DERP and EQ Annual Reports to Congress since FY2004. Online copies of the FY1994 through FY2003 DERP and EQ Annual Reports to Congress are also available.

<https://www.denix.osd.mil/portal/page/portal/ARC>

DoD

Office of the Deputy Under Secretary of Defense (Installations and Environment) (ODUSD(I&E))

Home page for ODUSD(I&E), providing general information about the office as well as links to other sites.

<http://www.acq.osd.mil/ie/>

Environmental Security Technology

Certification Program

Provides general information on projects and documents that describe the program.

<http://www.estcp.org/>

DENIX

Defense Environmental Network and Information eXchange (DENIX)

Provides the public and DoD personnel in the environmental security and safety & occupational health arena with timely access to environmental legislative, compliance, restoration, cleanup, and DoD guidance information.

<http://www.denix.osd.mil/>

Natural and Cultural Resources

Provides an overview of DoD's conservation practices and provides access to conservation resources such as relevant laws, publications, and conservation programs.

Cultural Resources

<https://www.denix.osd.mil/portal/page/portal/denix/environment/CR>

Natural Resources

<https://www.denix.osd.mil/portal/page/portal/denix/environment/NR>

Restoration

Base Realignment and Closure (BRAC) Home Page

BRAC information, policy, and guidance documents, points of contact, fact sheets, tools, and other BRAC related publications.

<http://www.dod.mil/brac/> or <https://www.denix.osd.mil/portal/page/portal/denix/environment/cleanup/BRAC>

Restoration

Provides information on the ODUSD(I&E) EM Office's efforts to address the progress of the restoration program, the Department's work with stakeholders, and the policies and guidances that support these efforts.

<https://www.denix.osd.mil/portal/page/portal/denix/environment/cleanup/DERP>

National Response Center Hazardous Materials and Oil Spills

National Response Center for information in the event of hazardous material spills as well as reporting information.

<http://www.nrc.uscg.mil/nrchp.html>

Compliance

Provides information on compliance policies, guidelines, and performance.

<https://www.denix.osd.mil/portal/page/portal/denix/environment/Compliance>

Develop On-site Innovative Technologies Committee Report

Report containing committee findings on cooperative approaches to technical studies.

<http://www.westgov.org/wga/publicat/doiweb.htm>

Pollution Prevention

Asbestos Abatement Management Ombudsman

Information on asbestos abatement.

1-800-368-5888

Clearinghouse for Inventories and Emissions Factors

Air pollution emission data for criteria and toxic pollutants from stationary, area, and mobile sources.

<http://www.epa.gov/ttn/chief/index.html>

Toxics Release Inventory

Includes TRI reports from CY1994 through present.

<http://www.denix.osd.mil/portal/page/portal/EPCRATRI>

Army

Army Environmental Division, Installation Services Directorate

Includes the environmental vision and mission as well as Army references and links.

<http://www.acsim.army.mil/installationservices/environmental.htm>

Office of the Assistant Secretary of the Army for Installations and Housing

Includes Army strategy for the environment and recent environmental news.

<http://www.asaie.army.mil/public/ie/default.html>

U.S. Army BRAC Office

Provides general information on all aspects of the BRAC program, as well as recent news and data.

<http://www.hqda.army.mil/acsim/brac/index.htm>

U.S. Army Corps of Engineers (USACE)

Planning and Environmental Provides general information on all aspects of the USACE.

<http://www.sam.usace.army.mil/pd/Pd1.htm>

Navy

Department of the Navy Environmental Program

Includes the Navy's environmental mission and policy statement, recent news, and links to other Navy and environmental sites.

<http://secnavportal.donhq.navy.mil/ie/environment/>

Naval Facilities Engineering Command Environmental Program and Products & Services

Provides general information about the center, assistance with environmental compliance, and links to relevant documents.

https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_www_pp/navfac_NFESC_pp/environmental/ps/

or

https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_www_pp/navfac_hq_pp/navfac_env_pp/tab4928871

Office of the Assistant Secretary of the Navy (Installations and Environment)

Provides mission statement for the Naval Installation and Environment team.

<http://www.donhq.navy.mil/IE/index.html>

Air Force

Air Force Energy, Environment, Safety and Occupational Health

Describes the Air Force approach of sustaining mission by integrating the best in energy, environment, safety and occupational health practices into all Air Force activities. Includes recent news and links to other Air Force and environmental sites

<http://www.safie.hq.af.mil/esoh/index.asp>

Air Force Real Property Agency

Provides general information about the Air Force BRAC program and BRAC bases.

<http://www.safie.hq.af.mil/afropa/index.asp>

Air Force Center for Engineering and the Environment (AFCEE)

Provides general information about AFCEE and its products and services.

<http://www.afcee.brooks.af.mil/>

PRO-ACT

Air Force's environmental information clearinghouse and research service.

<http://www.afcee.af.mil/resources/proact/index.asp>

DLA

DLA Environmental and Safety Directorate (DSS-E)

Provides information about the DSS-E and links to DLA and other resources.

<http://www.dla.mil/dss/dss-e/>

Hazardous Technical Information Services (HTIS)

HTIS is a support function, operated by DLA, that provides consultation services to DoD personnel worldwide.

<http://www.dscr.dla.mil/ExternalWeb/UserWeb/AviationEngineering/HTIS/>

EPA

U.S. EPA

U.S. EPA home page containing links to all Regions and resources.

<http://www.epa.gov>

U.S. EPA Pollution Prevention Home Page

Pollution prevention guidance and documents.

<http://www.epa.gov/p2/>

Wetlands Protection, U.S. EPA, Office of Water

Information on the value and function of wetlands, guidance documents, and information on constructed wetlands.

<http://www.epa.gov/owow/wetlands/>

Ground Water and Drinking Water, U.S. EPA, Office of Water

Safe Drinking Water Act and amendments and information on policy and regulations regarding public water supply programs.

<http://www.epa.gov/ogwdw>

Superfund

Information about the Superfund program and sites.

<http://www.epa.gov/superfund/>

Superfund, TRI, EPCRA, RMP, and Oil Information Center

Information on Superfund, SPCC, EPCRA, Oil Pollution Act, RMP, and pollution prevention.

<http://www.epa.gov/superfund/contacts/infocenter/epcra.htm>

FUDS

FUDS Environmental Community of Practice

A USACE-sponsored site that describes FUDS projects.

https://environment.usace.army.mil/what_we_do/fuds/

FUDS GIS Web site

FUDS Program public GIS Web site.

https://environment.usace.army.mil/what_we_do/fuds/fuds_gis/

Stakeholder Involvement

Restoration Advisory Boards (RABs)

Provides information about RABs, including the RAB Rule Handbook.

<https://www.denix.osd.mil/portal/page/portal/denix/environment/cleanup/SI/>

Technical Assistance for Public Participation (TAPP)

Provides information on TAPP.

<https://www.denix.osd.mil/portal/page/portal/denix/environment/cleanup/SI/>

Defense and State Memorandum of Agreement (DSMOA)

A guide to the DSMOA program and process.

<https://dsmoa.usace.army.mil/>

American Indian and Alaska Native Incentives

Provides information on DoD's Native American Environmental Tracking System, education, training and technical assistance, and outreach programs.

<https://www.denix.osd.mil/>



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NAVY	AMCHITKA FLTSURSPTDET1	AK017002752900	C-7-2
NAVY	CAPE PRINCE WALES NCCOSC	AK017002755000	C-8-2
NAVY	ST LAWRENCE NCCOSC	AK017002757200	C-8-2
NAVY	TIN CITY NCCOSC	AK017002757300	C-8-2
ARMY	CAMP CARROLL TRAINING CENTER	AK021180204500	C-8-2
ARMY	NG AKIACHAK ARMORY	AK021180245100	C-7-1
ARMY	AKIAK FEDERAL SCOUT ARMORY	AK021180245500	C-7-1
ARMY	NG ALAKANUK ARMORY	AK021180245700	C-7-1
ARMY	NG ATMAUTLUAK ARMORY	AK021180246100	C-8-2
ARMY	NG CHEFORNAK ARMORY	AK021180248100	C-7-1
ARMY	NG CHEVAK ARMORY	AK021180248500	C-7-1
ARMY	NG EEK ARMORY	AK021180250200	C-7-1
ARMY	NG ELIM ARMORY	AK021180250500	C-8-2
ARMY	NG FORT YUKON ARMORY	AK021180251200	C-7-1
ARMY	NG GAMBELL ARMORY	AK021180251400	C-8-2
ARMY	NG GOODNEWS BAY ARMORY	AK021180251600	C-7-1
ARMY	HOONAH ARMORY	AK021180251900	C-7-1
ARMY	NG HOOPER BAY ARMORY	AK021180252100	C-7-1
ARMY	NG KASIGLUK ARMORY	AK021180253100	C-7-1
ARMY	NG KIANA ARMORY	AK021180253500	C-7-1
ARMY	NG KIPNUK ARMORY	AK021180254100	C-7-1
ARMY	NG KONGIGANAK ARMORY	AK021180254700	C-7-1
ARMY	NG KOTLIK ARMORY	AK021180254900	C-8-2
ARMY	NG KWETHLUK ARMORY	AK021180256100	C-7-1
ARMY	KWIGILLINGOK SCOUT ARMORY	AK021180256500	C-7-1
ARMY	NG EMMONAK ARMORY	AK021180256800	C-7-1
ARMY	NG LITTLE DIOMEDE ARMORY	AK021180257100	C-8-2
ARMY	NG MEKORYUK ARMORY	AK021180258100	C-8-2
ARMY	NG MOUNTAIN VILLAGE ARMORY	AK021180258500	C-7-2
ARMY	NG NAPAKIAK ARMORY	AK021180259100	C-7-2

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ARMY	NG NAPASKIAK ARMORY	AK021180259400	C-7-2
ARMY	NEWTOK FEDERAL SCOUT ARMORY	AK021180259600	C-7-1
ARMY	NG NIGHTMUTE ARMORY	AK021180259700	C-7-2
ARMY	NG NOATAK ARMORY	AK021180259800	C-7-2
ARMY	NG NOORVIK ARMORY	AK021180260100	C-7-2
ARMY	NG NULATO ARMORY	AK021180260500	C-7-2
ARMY	NG NUNAPITCHUK ARMORY	AK021180260800	C-7-2
ARMY	NG POINT BARROW ARMORY	AK021180261100	C-7-2
ARMY	NG POINT HOPE ARMORY	AK021180261600	C-7-2
ARMY	NG SAVOONGA ARMORY	AK021180262500	C-7-2
ARMY	NG SCAMMON BAY ARMORY	AK021180263100	C-7-2
ARMY	NG SHUNGNAK ARMORY	AK021180264100	C-7-2
ARMY	NG SHAKTOOLIK ARMORY	AK021180264500	C-8-2
ARMY	NG SHISHMAREF ARMORY	AK021180265100	C-7-2
ARMY	NG ST MARYS ARMORY	AK021180265300	C-7-2
ARMY	NG ST MICHAEL ARMORY	AK021180265500	C-8-2
ARMY	NG STEBBINS ARMORY	AK021180265900	C-7-2
ARMY	NG TELLER ARMORY	AK021180266100	C-8-2
ARMY	NG BREVIG MISSION ARMORY	AK021180266300	C-8-2
ARMY	NG TOGIAC ARMORY	AK021180266800	C-7-2
ARMY	NG TUNTUTULIAK ARMORY	AK021180267500	C-7-2
ARMY	NG TUNUNAK ARMORY	AK021180267700	C-7-2
ARMY	NG TOKSOOK BAY ARMORY	AK021180267800	C-7-2
ARMY	NG UNALAKLEET ARMORY	AK021180267900	C-8-2
ARMY	NG WAINWRIGHT ARMORY	AK021180268100	C-7-2
ARMY	NG WALES ARMORY	AK021180268500	C-8-2
ARMY	NG WRANGELL ARMORY	AK021180269300	C-7-2
ARMY	HAINES PIPELINE	AK021452214600	C-7-1
ARMY	FORT GREELY	AK021452215500	C-6-3
ARMY	FORT RICHARDSON	AK021452215700	C-6-3, C-8
ARMY	GERSTLE RIVER TEST SITE	AK021452234200	C-8-2
ARMY	FORT WAINWRIGHT	AK021452242600	C-6-3

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ARMY	FORT WAINWRIGHT RANGE	AK021452242600	B-50
AIR FORCE	CLEAR AIR FORCE STATION	AK057112863800	C-7-2
AIR FORCE	TED STEVENS INTERNATIONAL AIRPORT	AK057282867400	C-8-2
AIR FORCE	ANVIL MOUNTAIN RADIO RELAY STATION	AK057302861600	C-7-2
AIR FORCE	BARTER ISLAND	AK057302861800	71, C-8-2
AIR FORCE	BEAR CREEK RADIO RELAY STATION	AK057302861900	C-7-2
AIR FORCE	BEAVER CREEK RADIO RELAY STATION	AK057302862100	C-8-2
AIR FORCE	BETHEL RANGE	AK057302862200	C-7-2
AIR FORCE	BIG MOUNTAIN RADIO RELAY STATION	AK057302862300	C-7-2
AIR FORCE	CAMPION AIR FORCE STATION	AK057302862800	C-7-2
AIR FORCE	CANYON CREEK RADIO RELAY STATION	AK057302862900	C-8-2
AIR FORCE	CAPE LISBURNE LONG RANGE RADAR SITE	AK057302863100	C-7-2
AIR FORCE	CAPE NEWENHAM LONG RANGE RADAR SITE	AK057302863200	C-7-2
AIR FORCE	CAPE ROMANZOF LONG RANGE RADAR SITE	AK057302863300	C-7-2
AIR FORCE	CHENA RIVER	AK057302863600	C-8-2
AIR FORCE	COLD BAY LONG RANGE RADAR SITE	AK057302863900	C-8-2
AIR FORCE	DRIFTWOOD BAY RADIO RELAY STATION	AK057302864400	C-7-2
AIR FORCE	DUNCAN CANAL RADIO RELAY STATION (RRS)	AK057302864500	C-7-2
AIR FORCE	EIELSON AFB	AK057302864600	71, B-54, C-7-3
AIR FORCE	ELMENDORF AIR FORCE BASE	AK057302864900	C-6-4, C-8
AIR FORCE	611TH CIVIL ENGR OPERATING SQ	AK057302864901	C-7-2
AIR FORCE	KENAI AIRPORT	AK057302864902	C-8-2
AIR FORCE	BULLEN POINT	AK057302865200	71, C-8-2
AIR FORCE	FORT YUKON LONG RANGE RADAR SITE	AK057302865400	C-7-3
AIR FORCE	GALENA FORWARD OPERATING LOCATION	AK057302865500	C-6-5
AIR FORCE	GOLD KING CREEK RADIO RELAY SITE	AK057302865800	C-8-2
AIR FORCE	GRANITE MOUNTAIN RADIO RELAY STATION	AK057302865900	C-7-3
AIR FORCE	INDIAN MOUNTAIN RESEARCH	AK057302866200	C-7-3
AIR FORCE	KALAKAKET CREEK RADIO RELAY STATION	AK057302866400	C-7-3
AIR FORCE	KING SALMON	AK057302866900	71, C-6-5
AIR FORCE	LAKE LOUISE	AK057302867500	C-7-3
AIR FORCE	POINT LONELY DOME	AK057302867700	71, C-7-3

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AIR FORCE	MURPHY DOME	AK057302867900	C-7-3
AIR FORCE	NAKNEK RECREATIONAL CAMP I	AK057302868001	71, C-7-3
AIR FORCE	NAKNEK RECREATIONAL CAMP II	AK057302868002	71, C-7-3
AIR FORCE	NIKOLSKI RADIO RELAY STATION	AK057302868400	C-7-3
AIR FORCE	NORTH RIVER RADIO RELAY STATION	AK057302868500	71, C-7-3
AIR FORCE	WEST NOME TANK FARM	AK057302868600	C-7-3
AIR FORCE	OLIKTOK RADIO RELAY STATION	AK057302869100	C-7-3
AIR FORCE	POINT BARROW NARL	AK057302869500	C-7-3
AIR FORCE	PILLAR MOUNTAIN RADIO RELAY STATION	AK057302869600	C-8-2
AIR FORCE	POINT LAY	AK057302869700	C-7-3
AIR FORCE	PORT HIEDEN RADIO RELAY STATION	AK057302869800	C-6-5
AIR FORCE	PORT MOLLER	AK057302869900	C-8-2
AIR FORCE	EARECKSON AIR FORCE BASE	AK057302870500	C-6-4
AIR FORCE	SPARREVOHN AIR FORCE STATION	AK057302870900	C-7-3
AIR FORCE	TATALINA AIR FORCE STATION	AK057302871100	C-7-3
AIR FORCE	TIN CITY LONG RANGE RADAR SITE	AK057302871200	C-8-2
AIR FORCE	WAINWRIGHT	AK057302871600	C-7-3
AIR FORCE	KOTZEBUE LONG RANGE RADAR SITE	AK057302874200	C-8-2
ARMY	COOSA RIVER STORAGE ANNEX	AL421002023100	C-8-1
ARMY	USARC MOBILE (WRIGHT)	AL421042059500	C-8-1
ARMY	USARC BIRMINGHAM 01	AL421042143800	C-8-1
ARMY	USARC MONTGOMERY (MONIAC)	AL421042290200	C-8-1
ARMY	USARC ABBEVILLE	AL4210429A0100	C-8-1
ARMY	USARC ANNISTON	AL4210429A0300	C-8-1
ARMY	AFRC CULLMAN	AL4210429A1600	C-8-1
ARMY	USARC BELTLINE	AL4210429A1700	C-8-1
ARMY	USARC DOTHAN	AL4210429A1L00	C-8-1
ARMY	USARC ELBA	AL4210429A2000	C-8-1
ARMY	USARC ENTERPRISE	AL4210429A2100	C-8-1
ARMY	USARC CROWWELL (ASF 155)	AL4210429A2200	C-8-1
ARMY	USARC FOLEY	AL4210429A2300	C-8-1
ARMY	USARC FORT RUCKER (ASF 157)	AL4210429A2500	C-8-1

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ARMY	AFRC GADSDEN	AL4210429A2700	C-8-1
ARMY	USARC GADSDEN	AL4210429A2800	C-8-1
ARMY	USARC HUNTSVILLE (PATTON RD)	AL4210429A3200	C-8-1
ARMY	USARC HOLT	AL4210429A3300	C-8-1
ARMY	USARC JASPER	AL4210429A3800	C-8-1
ARMY	USARC MARION, AL	AL4210429A4100	C-8-1
ARMY	USARC MONTGOMERY (SCREWS)	AL4210429A4900	C-8-1
ARMY	USARC SHEFFIELD	AL4210429A5000	C-8-1
ARMY	USARC OPELIKA	AL4210429A5200	C-8-1
ARMY	USARC OPP	AL4210429A5400	C-8-1
ARMY	USARC LINCOLN (TALLADEGA)	AL4210429A5800	C-8-1
ARMY	USARC TROY	AL4210429A6000	C-8-1
ARMY	USARC TUSCALOOSA	AL4210429A6100	C-8-1
ARMY	USARC TUSKEGEE	AL4210429A6700	C-8-1
ARMY	USARC FORT RUCKER (ECS 143)	AL4210429AG100	C-8-1
ARMY	USARC BIRMINGHAM 02	AL421042GA0800	C-8-1
ARMY	AFRC BIRMINGHAM	AL42104AL00500	C-8-1
ARMY	MOBILE OMS 28 & 29	AL421180151200	C-7-1
ARMY	FORT MCCLELLAN ARNG	AL4211801A3500	C-7-1
ARMY	FORT MCCLELLAN	AL421372056200	C-6-1
ARMY	FORT RUCKER	AL421372077600	C-7-1
ARMY	ALABAMA AAP	AL421382000800	C-7-1
ARMY	ANNISTON ARMY DEPOT	AL421382002700	49, 50, B-50, C-6-1
ARMY	PHOSPHATE DEVELOPMENT WORKS	AL421382070300	C-8-1
ARMY	REDSTONE ARSENAL	AL421382074200	C-6-1
AIR FORCE	MAXWELL AIR FORCE BASE	AL457152418200	71, C-6-2
AIR FORCE	GUNTER AIR FORCE BASE	AL457152418500	71, C-7-1
AIR FORCE	MONTGOMERY AIR NATIONAL GUARD STATION	AL457282418500	C-8-1
AIR FORCE	DOTHAN REGIONAL AIRPORT	AL457282591600	C-7-1
AIR FORCE	BIRMINGHAM INTERNATIONAL AIRPORT	AL457282591700	C-8-1
AIR FORCE	DANNELLY FIELD	AL457282591900	C-8-1
ARMY	USARC LITTLE ROCK (FINKBEINER)	AR621042120500	C-8-5

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AIR FORCE	FT SMITH MAP	AR6210450A2000	C-7-7, C-8-5, C-8-6
ARMY	USARC FAYETTEVILLE	AR621045BA0400	C-8-5
ARMY	USARC CAMDEN	AR621045HA0100	C-8-5
ARMY	USARC FORT CHAFFEE (241)	AR621045HA0300	C-8-5
ARMY	USARC FORT CHAFFEE (2465)	AR621045HA0500	C-8-5
ARMY	USARC JONESBORO	AR621045HA0800	C-8-5
ARMY	USARC EL DORADO (02)	AR621045HA0900	C-8-5
ARMY	USARC FORT CHAFFEE (1368)	AR621045HA1000	C-8-5
ARMY	USARC TEXARKANA 02	AR621045HA1500	C-8-5
ARMY	USARC FORT CHAFFEE (ECS 15)	AR621045HA1700	C-8-5
ARMY	USARC LITTLE ROCK (ASF 19)	AR621045HA1800	C-8-5
ARMY	USARC FORT CHAFFEE (NCO ACADEMY)	AR621045HA2900	C-8-5
ARMY	AFRC NORTH LITTLE ROCK (PIKE)	AR621045HA3300	C-8-5
ARMY	USARC RUSSELLVILLE	AR621045HA3900	C-8-5
ARMY	USARC BLYTHEVILLE	AR621045HA4000	C-8-5
ARMY	USARC WEST MEMPHIS	AR621045HA4200	C-8-6
ARMY	USARC ARKADELPHIA	AR621045OA1900	C-8-5
ARMY	USARC NASHVILLE, AR	AR621045OA2200	C-8-5
ARMY	USARC ELDORADO (GARRETT)	AR621045SA2300	C-8-5
ARMY	USARC CONWAY	AR621045VA2400	C-8-5
ARMY	USARC HARRISON	AR621045VA2500	C-8-5
ARMY	USARC HOT SPRINGS	AR621045VA2600	C-8-5
ARMY	USARC TEXARKANA 01	AR621045VA2800	C-8-5
ARMY	USARC LITTLE ROCK (TERRY)	AR621045ZA2700	C-8-5
ARMY	SAMUEL STONE JR USARC	AR62104AR03100	C-8-5
ARMY	FORT CHAFFEE MANEUVER TRAINING CTR	AR621182018700	C-8-5
ARMY	FORT CHAFFEE	AR621372018700	C-8-5
ARMY	PINE BLUFF ARSENAL	AR621382070700	C-6-18
AIR FORCE	EAKER AFB	AR657002447300	C-7-7
AIR FORCE	LITTLE ROCK AIR FORCE BASE	AR657182480800	C-7-7
AIR FORCE	HOT SPRINGS MEMORIAL AIRPORT	AR657282852100	C-8-6
AIR FORCE	PAPAGO ANG'S	AZ000000000006	C-7-5

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NAVY	FLAGSTAFF NOS	AZ017002385300	C-8-4
NAVY	SENTINEL NCCOSC	AZ917002755500	C-8-4
NAVY	YUMA MARINE CORPS AIR STATION	AZ917302449300	C-6-12
MARINE CORPS	CHOCOLATE MOUNTAINS AERIAL GUNNERY RANGE	AZ917305395300	B-53, C-8-4
ARMY	USARC PHOENIX	AZ921042068600	C-8-4
ARMY	USARC TUCSON	AZ921042090200	C-8-4
ARMY	USARC DOUGLAS	AZ921046BA0200	C-8-4
ARMY	PHOENIX USARC #2	AZ921046BA0700	C-8-4
ARMY	CAMP NAVAJO	AZ921180401000	C-8-4
ARMY	FLORENCE MILITARY RESERVATION	AZ921180408000	C-8-4
ARMY	PAPAGO MILITARY RESERVATION	AZ9211804B4000	C-7-5
ARMY	SAFFORD TS	AZ9211804B6000	C-8-4
ARMY	FORT HUACHUCA	AZ921372043400	C-7-5
ARMY	YUMA PROVING GROUND	AZ921412099100	C-6-12
AIR FORCE	WILLIAMS AIR FORCE BASE	AZ957002858200	C-6-13
AIR FORCE	LUKE AIR FORCE BASE	AZ957152413300	B-54, C-6-13, C-7-5
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AIR FORCE	AIR FORCE PLANT 44	AZ957172462900	71, B-62, C-6-12
AIR FORCE	DAVIS-MONTHAN AIR FORCE BASE	AZ957212405500	C-6-13
AIR FORCE	SKY HARBOR INTERNATIONAL AIRPORT	AZ957282587900	C-7-5
AIR FORCE	TUCSON INTERNATIONAL AIRPORT	AZ957282593400	71, C-7-5
AIR FORCE	CHANNEL ISLANDS AIR NATIONAL GUARD BASE	CA000000000001	C-7-8
AIR FORCE	MOFFETT FLD NAS	CA000000000004	C-7-8
AIR FORCE	SAN DIEGO AIR NATIONAL GUARD STATION	CA000000000005	C-7-8
NAVY	FALLBROOK NOC PAC DIV DET	CA917000039600	C-6-23
NAVY	MONTEREY NPGS	CA917002229800	C-8-7
NAVY	HUNTER'S POINT ANNEX-TREASURE ISLAND NAVAL STATION	CA917002278400	C-6-27
NAVY	SUNNYVALE NIROP	CA917002291500	C-7-8
NAVY	POMONA NIROP	CA917002309800	C-8-7

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NAVY	NAVAL AIR STATION NORTH ISLAND	CA917002311800	B-51, C-6-25
NAVY	CORONADO NAB	CA917002313000	C-6-22
NAVY	SAN DIEGO NAVMEDCTR	CA917002314400	C-8-7
NAVY	CHINA LAKE NAWS	CA917002315200	B-51, C-6-22
NAVY	LOS ANGELES NMCRC	CA917002316600	C-8-7
NAVY	LONG BEACH NSY	CA917002319000	C-7-7
NAVY	LONG BEACH NAVAL COMPLEX	CA917002319000, CA917002726700, CA917002727200, CA917002755400	C-7-7
NAVY	SAN DIEGO NAVAL TRAINING CENTER	CA917002320200	C-7-8
NAVY	ALAMEDA NAVAL AIR STATION	CA917002323600	C-6-20
NAVY	MOFFETT FIELD NAVAL AIR STATION	CA917002323800	C-6-25
NAVY	DIXON NRTF	CA917002327800	C-7-7
NAVY	PORT HUENEME NCBC	CA917002332300	C-6-26
NAVY	TREASURE ISLAND NAVAL STATION	CA917002333000	C-6-27
NAVY	IMPERIAL BEACH OLF	CA917002378900	C-6-24
NAVY	POINT SUR NAVFAC	CA917002422500	C-7-8
NAVY	ALAMEDA NMCRC	CA917002423000	C-7-7
NAVY	SAN DIEGO FISC	CA917002428800	C-7-8
NAVY	SAN DIEGO NS	CA917002428900	C-6-26
NAVY	SAN DIEGO FASWTC PAC	CA917002429000	C-8-7
NAVY	SKAGGS ISLAND NSGA	CA917002431700	C-7-8
NAVY	SAN DIEGO FCTC PAC	CA917002437800	C-8-7
NAVY	LEMOORE NAS	CA917002438100	C-7-7
NAVY	STOCKTON NCS	CA917002438200	C-7-8
NAVY	CENTERVILLE BEACH NAVFAC	CA917002438300	C-7-7
NAVY	SEAL BEACH NWS	CA917002449100	C-6-27
NAVY	CONCORD NWS	CA917002452800	71, C-6-22
NAVY	EL CENTRO NAF	CA917002453000	C-6-23
NAVY	SAN DIEGO NSB	CA917002455500	C-7-8
NAVY	SAN NICOLAS ISLAND OLF	CA917002464000	C-8-7
NAVY	DALY CITY EFA WEST	CA917002469600	C-8-7

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NAVY	CORONA NOC NWAD	CA917002471200	C-8-7
NAVY	SAN DIEGO NCCOSC	CA917002475000	C-7-8
NAVY	MARE ISLAND NAVAL SHIPYARD	CA917002477500	C-6-24
NAVY	OAKLAND FISC	CA917002477600	C-8-7
NAVY	SAN DIEGO NISE WEST	CA917002478600	C-7-8
NAVY	SAN DIEGO NCTS	CA917002480400	C-7-8
NAVY	OAKLAND NAVMEDCOM NWREG	CA917002725400	C-8-7
NAVY	POINT MUGU NAWS	CA917002727100	C-6-25
NAVY	LONG BEACH NS	CA917002727200	C-7-7
NAVY	NOVATO DOD HOUSING FACILITY	CA917002727500	71, C-7-7
NAVY	WARNER SPRINGS SERE CAMP	CA917002752800	C-8-7
NAVY	SAN CLEMENTE ISLAND NALF	CA917002753000	C-6-26
NAVY	AZUSA NCCOSC MORRIS DAM FACILITY	CA917002755100	C-7-7
NAVY	SALTON SEA TEST RANGE	CA917002755200	C-7-8
NAVY	LONG BEACH NS SAN PEDRO	CA917002755400	71, C-7-7
NAVY	OAKLAND FISC ALAMEDA ANNEX	CA917002755600	C-7-7
NAVY	NAVAL FUEL DEPOT, POINT MOLATE	CA917002756300	C-7-8
NAVY	NAVAL AUXILIARY LANDING FIELD CROWS LANDING	CA917002757500	C-7-7
NAVY	PASADENA MCRC	CA917006211300	C-7-7
AIR FORCE	SAN DIEGO SPACE SURVEILLANCE FIELD STATN	CA917006607900	C-7-8
NAVY	NORTH IS NADEP	CA917009999900	C-8-7
NAVY	SAN DIEGO MCRD	CA917302257300	C-7-8
NAVY	EL TORO MARINE CORPS AIR STATION	CA917302320800	C-6-23
NAVY	CAMP PENDLETON MARINE CORPS BASE	CA917302353300	C-6-21
NAVY	BARSTOW MARINE CORPS LOGISTICS BASE	CA917302426100	C-6-21
NAVY	TWENTYNINE PALMS MCAGCC	CA917302434900	B-53, C-7-8
NAVY	TUSTIN MARINE CORPS AIR STATION	CA917302478300	C-6-28
NAVY	PICO RIVERA MCRTC	CA917302755300	C-7-8
NAVY	BRIDGEPORT MCMWTC	CA917302756100	C-6-21
NAVY	MIRAMAR MCAS	CA917309876500	C-6-24
ARMY	FORT HUNTER LIGGETT	CA921042043600	C-6-19
ARMY	USARC LOS ANGELES 02	CA921042053100	C-8-6

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ARMY	USARC PASADENA, CA	CA921042055700	C-8-7
ARMY	USARC SAN JOSE (AMSA 12)	CA921042079500	C-8-7
ARMY	USARC FRESNO (AMSA 14-G)	CA921042100600	C-8-6
ARMY	EL MONTE USARC	CA921042123500	C-8-6
ARMY	VAN NUYS MAINTENANCE SHOP	CA921042123600	C-8-7
ARMY	USARC SAN PABLO	CA921042157500	C-8-7
ARMY	USARC MOUNTAIN VIEW	CA921042173400	C-8-7
ARMY	WILKSON HALL USARC	CA921042199100	C-8-7
ARMY	USARC VALLEJO	CA921042211100	C-8-7
ARMY	PARKS RESERVE FORCES TRAINING AREA	CA921042213000	C-7-7
ARMY	USARC MODESTO	CA921042213600	C-8-6
ARMY	USARC LONG BEACH	CA921042226300	C-8-6
ARMY	VAN DEMAN HALL USARC	CA921042242700	C-8-7
ARMY	PFC L.T. BACCIGLEIRI HALL AFRC	CA921042252400	C-8-6
ARMY	THRALL HALL USARC	CA921042256700	C-8-6
ARMY	USARC SANTA ANA	CA921042264100	C-8-7
ARMY	USARC SANTA ROSA	CA921042280700	C-8-7
ARMY	USARC OAKLAND (HEROIC WAR DEAD)	CA921042288800	C-8-7
ARMY	GARDEN GROVE USARC	CA921042293000	C-8-6
ARMY	USARC NORCO	CA921042305700	C-8-7
ARMY	MARINA USARC/OMS/AMSA 12 S-S	CA921042361200	C-8-6
ARMY	FRESNO AFRC	CA921042370200	C-8-6
ARMY	USARC CHICO	CA9210461B0600	C-8-6
ARMY	USARC CLOVIS	CA9210461B0700	C-8-6
ARMY	ROARK HALL USARC/AMSA 29(G)	CA921046BB0500	C-8-6
ARMY	USARC SANTA BARBARA	CA921046BB6200	C-8-7
ARMY	USARC SUNNYVALE	CA921046GB7200	C-8-7
ARMY	QUINONES AFRC	CA92104CA02100	C-8-6
ARMY	USARC VAN NUYS	CA92104CA09200	C-8-7
ARMY	USARC LOS ANGELES 01	CA92104CA09500	C-8-6
ARMY	USARC BELL (AMSA 15)	CA92104CA13400	C-8-6
ARMY	USARC SAN BERNARDINO (AMSA 19G)	CA92104CA13500	C-7-7

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ARMY	HF RADIO RECEIVER, SANTA ROSA	CA921082228800	C-8-6
ARMY	NG HAMMER FIELD	CA921180615500	C-8-6
ARMY	TS AFRC LOS ALAMITOS	CA921180636800	C-7-7
ARMY	MTC-H CAMP ROBERTS	CA921180637500	C-8-6
ARMY	MILITARY OCEAN TERMINAL CONCORD	CA921350696A00	70, C-6-19
ARMY	OAKLAND ARMY BASE	CA921352066100	C-7-7
ARMY	PRESIDIO OF MONTEREY	CA921372060600	C-8-6
ARMY	FORT ORD	CA921372067600	C-6-19
ARMY	RIVERBANK ARMY AMMUNITION PLANT	CA921382075900	C-7-7
ARMY	SACRAMENTO ARMY DEPOT	CA921382078000	C-7-7
ARMY	SIERRA ARMY DEPOT	CA921382084300	C-6-20
ARMY	EAST FORT BAKER	CA921402005500	C-8-6
ARMY	FORT HUNTER LIGGETT BRAC	CA921402043600	C-8-6
ARMY	FORT IRWIN NATIONAL TRAINING CENTER	CA921402044600	B-50, C-6-20
ARMY	PRESIDIO OF SAN FRANCISCO	CA921402079100	C-8-6
ARMY	LOMPOC BRANCH DISCIPLINARY BARRACKS	CA921402101200	C-8-6
ARMY	CAMP ROBERTS SATCOM	CA921402282300	C-8-6
ARMY	HAMILTON ARMY AIRFIELD	CA921402303800	C-8-6
ARMY	RIO VISTA RESERVE TRAINING AREA	CA921406GB8500	C-8-6
AIR FORCE	NORTON AIR FORCE BASE	CA957002434500	C-7-8
AIR FORCE	GEORGE AIR FORCE BASE	CA957002445300	C-6-29
AIR FORCE	CASTLE AIR FORCE BASE	CA957002455100	C-6-29
AIR FORCE	MATHER AIR FORCE BASE	CA957002474300	C-6-30
AIR FORCE	VANDENBERG AIR FORCE BASE	CA957112514900	C-6-31
AIR FORCE	ONIZUKA AIR FORCE BASE	CA957112573600	C-8-7
AIR FORCE	MCCLELLAN AIR FORCE BASE	CA957172433700	C-6-30
AIR FORCE	EDWARDS AIR FORCE BASE	CA957172450400	C-6-29
AIR FORCE	AIR FORCE PLANT 42	CA957172462700	C-6-28
AIR FORCE	AIR FORCE PLANT 70	CA957172532300	C-8-7
AIR FORCE	LOS ANGELES AIR FORCE BASE	CA957172629600	C-7-8
AIR FORCE	TRAVIS AIR FORCE BASE	CA957182457500	C-6-31
AIR FORCE	POINT ARENA AIR FORCE STATION	CA957212428000	C-8-7

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AIR FORCE	BEALE AIR FORCE BASE	CA957212450800	C-6-28
AIR FORCE	MARCH AFB	CA957212452700	71, C-6-30, C-7
AIR FORCE	COSTA MESA AIR GUARD STATION	CA957282463800	C-8-7
AIR FORCE	NORTH HIGHLANDS ANGCS	CA957282587800	C-7-8
AIR FORCE	HAYWARD MUNICIPAL AIRPORT	CA957282590800	C-7-8
AIR FORCE	FRESNO AIR GUARD BASE	CA957282590900	C-7-8
AIR FORCE	SEPULVEDA AIR GUARD STATION	CA957282886800	C-7-8
AIR FORCE	MOUNT DISAPPOINTMENT RADIO RELAY STATION	CA957282963200	C-8-7
DLA	DD SAN JOAQUIN, TRACY FACILITY	CA997150682700	C-6-32
DLA	DD SAN JOAQUIN, SHARPE FACILITY	CA997152083200	C-7-8, C-6-31
MARINE CORPS	MARINE CORPS BASE CAMP PENDLETON	CA99799FA06100	7, 50, B-51
MARINE CORPS	MARINE CORPS BASE CAMP PENDLETON RANGE	CA99799FA06100	B-53
NAVY	LOWRY AFB ARMFORAITC	CO817003101600	C-7-15
ARMY	ELMER E FRYAR USARC	CO821042189500	C-8-10
ARMY	DONALD D PUCKETT USARC	CO821042249500	C-8-10
ARMY	USARC AURORA 01	CO821046FC0100	C-8-10
ARMY	USARC PUEBLO	CO821046FC2600	C-8-10
ARMY	USARC COMMERCE CITY (AMSA 22)	CO821046FC3000	C-8-10
ARMY	USARC AURORA 02	CO82104C000200	C-8-10
ARMY	DUNCAN-SELIX AFRC	CO82104C001000	C-8-10
ARMY	EQUIPMENT CONCENTRATION SITE 42 (FORT CARSON)	CO82104C001800	C-8-10
ARMY	FORT COLLINS USARC (AMSA 100 BMA)	CO82104C001900	C-8-10
ARMY	BENNETT ARNG TRAINING SITE	CO821080801500	C-8-10
ARMY	FITZSIMONS ARMY MEDICAL CENTER	CO821162033300	C-8-10
ARMY	FIRESTONE CSMS	CO821180861200	C-7-15
ARMY	PUEBLO CHEMICAL DEPOT	CO821382072500	C-6-46
ARMY	ROCKY MOUNTAIN ARSENAL	CO821382076900	B-62
ARMY	FORT CARSON	CO821402015000	C-6-46
ARMY	FORT CARSON RANGE	CO821402015000	B-50
AIR FORCE	LOWRY AIR FORCE BASE	CO857002413000	C-7-15
AIR FORCE	PETERSON AIR FORCE BASE	CO857112419100	C-7-15

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AIR FORCE	CHEYENNE MOUNTAIN AS	C0857112571900	C-8-10
AIR FORCE	AIR FORCE PLANT PJKS	C0857172553700	B-62, C-6-47
AIR FORCE	BUCKLEY AIR BASE WING	C0857282564400	C-6-47
AIR FORCE	GREELEY AIR GUARD STATION	C0857282881400	C-8-10
AIR FORCE	USAF ACADEMY	C0857292492800	C-8-10
ARMY	US ARMY KWAJALEIN ATOLL	CQ92136NQ49700	C-8-28
NAVY	NEW LONDON NAVAL SUBMARINE BASE	CT117002202000	C-6-50
NAVY	BLOOMFIELD NWIRP	CT117002213400	C-8-11
NAVY	EAST LYME NUSC	CT117002757400	C-7-16
NAVY	EAST LYME NUWC	CT117003000100	C-7-16
ARMY	USARC DANBURY	CT121041AB0800	C-8-11
ARMY	1LT JOHN S TURNER USARC	CT121041AB1800	C-7-16
ARMY	USARC NEW HAVEN	CT121041AB3500	C-8-11
ARMY	USARC WATERBURY	CT121041AB3800	C-8-11
ARMY	USARC WEST HARTFORD	CT121041AB4200	C-8-11
ARMY	EAST WINDSOR USARC	CT121042151900	C-8-11
ARMY	USARC MILFORD	CT121042180700	C-8-11
ARMY	WINDSOR LOCKS USARC	CT121042258700	C-8-11
ARMY	MIDDLETOWN USARC	CT121042277000	C-8-11
ARMY	USARC BRIDGEPORT	CT121042296500	C-8-11
ARMY	BRADLEY FIELD ARNG	CT121180918000	C-7-16
ARMY	STRATFORD ARMY ENGINE PLANT	CT121382292400	C-6-50
ARMY	FAMILY HOUSING BRIDGEPORT NIKE 04	CT121400920600	C-8-11
ARMY	FAMILY HOUSING BRIDGEPORT NIKE 15	CT121400921600	C-8-11
ARMY	FAMILY HOUSING BRIDGEPORT NIKE 65	CT121400930600	C-8-11
ARMY	FAMILY HOUSING HARTFORD NIKE 8	CT121400950900	C-8-11
ARMY	FAMILY HOUSING HARTFORD NIKE 67	CT121400956800	C-8-11
ARMY	FAMILY HOUSING MIDDLETOWN 48	CT121400987200	C-8-11
ARMY	FAMILY HOUSING MANCHESTER, CT 25	CT121402256800	C-8-11
ARMY	FAMILY HOUSING SHELTON CT 74	CT121402258900	C-8-11
ARMY	FAMILY HOUSING WESTPORT CT 73	CT121402262600	C-8-11
ARMY	FAMILY HOUSING PORTLAND CT 36	CT121402262700	C-8-11

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ARMY	FAMILY HOUSING MILFORD, CT 17	CT121402263900	C-8-11
ARMY	FAMILY HOUSING NEW BRITAIN, CT 57	CT121402266100	C-8-11
AIR FORCE	BRADLEY IAP (EAST GRANBY)	CT157282678300	C-7-16
AIR FORCE	ORANGE AIR GUARD STATION	CT157282845600	C-7-16
NAVY	WASHINGTON DC NAVOBSY	DC317002345400	C-7-17
NAVY	WASHINGTON DC NAVSECSTA	DC317002347600	C-8-13
NAVY	WASHINGTON NAVY YARD	DC317002431000	C-7-17
NAVY	WASHINGTON NRL	DC317002431100	C-7-17
NAVY	ANACOSTIA NS	DC317002756200	C-7-17
ARMY	FORT MCNAIR	DC321022100400	C-8-13
ARMY	WALTER REED ARMY MEDICAL CENTER	DC321162115600	C-8-13
AIR FORCE	BOLLING AIR FORCE BASE	DC357042444300	C-7-17, C-8
ARMY	USARC LEWES	DE3210415C1600	C-8-12
ARMY	USARC SEAFORD	DE3210415CZ100	C-8-12
ARMY	USARC WILMINGTON, DE	DE321042116800	C-8-12
ARMY	USARC DOVER	DE321042180500	C-8-12
ARMY	RIVER ROAD TRAINING SITE	DE321181060500	C-7-16
AIR FORCE	DOVER AIR FORCE BASE	DE357182401000	C-6-51
AIR FORCE	NEW CASTLE COUNTY AIRPORT (WILMINGTON)	DE357282427400	C-7-16
NAVY	ORLANDO NRL UWS REF DET	FL417002202500	C-8-14
NAVY	JACKSONVILLE FISC	FL417002204000	C-8-14
NAVY	CECIL FIELD NAVAL AIR STATION	FL417002247400	C-7-17
NAVY	KEY WEST NAS	FL417002295200	71, C-6-53, C-7
NAVY	WHITING FIELD NAVAL AIR STATION	FL417002324400	C-6-54
NAVY	MAYPORT NS	FL417002378800	B-51, C-7-17
NAVY	NAS POINT MUGU	FL417002378800	B-51
NAVY	PANAMA CITY CSS	FL417002379200	C-7-17
NAVY	PENSACOLA NTTC CORRY STATION	FL417002440800	C-7-17
NAVY	JACKSONVILLE NAVAL AIR STATION	FL417002441200	B-51, C-6-53
NAVY	SAUFLEY FIELD NAS	FL417002447300	C-7-17
NAVY	PENSACOLA PWC	FL417002456700	C-7-17
NAVY	PENSACOLA NAS	FL417002461000	C-6-54

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NAVY	ORLANDO NAVAL TRAINING CENTER	FL417002473600	C-6-54, C-7-17
ARMY	AVIATION SUPPLY FACILITY, 49-A	FL4210023DA200	C-8-14
ARMY	MCCOY USARC	FL421041240100	C-8-14
ARMY	USARC GAINESVILLE (LAYTON)	FL421042035600	C-8-14
ARMY	USARC TAMPA	FL421042122400	C-8-14
ARMY	USARC LAKE LAND	FL421042143900	C-8-14
ARMY	USARC JACKSONVILLE (BURPEE)	FL421042180300	C-8-14
ARMY	USARC PENSACOLA	FL421042182100	C-8-14
ARMY	USARC JACKSONVILLE (MILAM)	FL421042187500	C-8-14
ARMY	USARC TALLAHASSEE	FL421042188900	C-8-14
ARMY	USARC ORLANDO (ORANGE COUNTY)	FL421042194000	C-8-14
ARMY	USARC ST PETERSBURG	FL421042197500	C-8-14
ARMY	USARC MIAMI (AMSA 47G)	FL421042212400	C-8-14
ARMY	USARC PANAMA CITY	FL421042227500	C-8-14
ARMY	USARC WEST PALM BEACH (BABCOCK)	FL421042237500	C-8-14
ARMY	PERRINE LTA	FL421042244700	C-8-14
ARMY	USARC PALATKA (AMSA 55W)	FL421042245400	C-8-14
ARMY	USARC FORT LAUDERDALE (NININGER)	FL421042250700	C-8-14
ARMY	USARC MELBOURNE	FL421042277500	C-8-14
ARMY	USARC TAFT	FL421042284600	C-8-14
ARMY	USARC OCALA	FL421042287500	C-8-14
ARMY	USARC ORLANDO (MCCOY 03)	FL421042291700	C-8-14
ARMY	USARC MILTON	FL421042299300	C-8-14
ARMY	AFRC DAYTONA BEACH	FL4210423D0800	C-8-14
ARMY	USARC GAINESVILLE (1300)	FL4210423D1300	C-8-14
ARMY	USARC KISSIMMEE	FL4210423D2800	C-8-14
ARMY	USARC PERRY	FL4210423D6200	C-8-14
ARMY	USARC PORT CHARLOTTE	FL4210423D6300	C-8-14
ARMY	USARC WEST PALM BEACH (GUN CLUB)	FL4210423D7500	C-8-14
ARMY	USARC ORLANDO (ASF 49)	FL4210423DA200	C-8-14
ARMY	USARC ORLANDO (ECS MCCOY ANNEX)	FL4210423DG100	C-8-14
ARMY	USARC CORAL GABLES	FL42104FL00100	C-8-14

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ARMY	USARC JACKSONVILLE (PHILLIPS)	FL42104FL01000	C-8-14
ARMY	USARC ST PETERSBURG (AMSA 51M)	FL42104FL10300	C-8-14
ARMY	MTC CAMP BLANDING	FL421181215600	C-6-53
ARMY	CAPE ST GEORGE	FL421372283100	C-8-14
AIR FORCE	PATRICK AIR FORCE BASE	FL457112440400	71, C-6-56
AIR FORCE	CAPE CANAVERAL AIR FORCE STATION	FL457112440700	71, C-6-54
AIR FORCE	TYNDALL AIR FORCE BASE	FL457152412400	C-6-56
AIR FORCE	EGLIN AIR FORCE BASE	FL457172436600	71, B-54, C-6-55
AIR FORCE	EGLIN AIR FORCE BASE	FL457172436600	B-54
AIR FORCE	HURLBURT AIR FORCE BASE	FL457182437500	71, C-6-55
AIR FORCE	MACDILL AIR FORCE BASE	FL457182458200	C-6-55
AIR FORCE	HOMESTEAD AFB	FL457212403700	71, C-7, C-7-17
AIR FORCE	AVON PARK AIR FORCE RANGE	FL457212458700	C-7-17
AIR FORCE	JACKSONVILLE INTERNATIONAL AIRPORT	FL457282844600	C-7-17
AIR FORCE	CAMP BLANDING MIL RESERVATION	FL49799F434300	C-7-17
NAVY	ATLANTA NMCRC	GA417002417700	C-7-20
NAVY	ATHENS NAVSCSOL	GA417002471300	C-7-20
NAVY	KINGS BAY NSB	GA417009000100	B-51, C-7-20
NAVY	ALBANY MARINE CORPS LOGISTICS BASE	GA417302369400	C-7-20
ARMY	USARC MACON	GA421042054100	C-8-16
ARMY	USARC ROME	GA421042172800	C-8-16
ARMY	USARC ATHENS	GA421042173000	C-8-16
ARMY	USARC GAINESVILLE	GA421042189700	C-8-16
ARMY	USARC FORT VALLEY	GA421042199000	C-8-16
ARMY	USARC TIFTON	GA421042204200	C-8-16
ARMY	USARC EAST POINT ATLANTA	GA421042209300	C-8-16
ARMY	USARC FOREST PARK	GA421042285000	C-8-16
ARMY	USARC AUGUSTA 02	GA421042297300	C-8-16
ARMY	USARC DOBBINS AFB	GA421042297800	C-8-16
ARMY	USARC DUBLIN	GA421042302900	C-8-16
ARMY	USARC SAVANNAH	GA421042363700	C-8-16

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ARMY	USARC CARROLLTON	GA4210423E1200	C-8-16
ARMY	USARC CHAMBLEE	GA4210423E1300	C-8-16
ARMY	USARC COLUMBUS (MIDTOWN DR)	GA4210423E1800	C-8-16
ARMY	AFRC WAYCROSS	GA4210423E7500	C-8-16
ARMY	FORT GORDON	GA421372036800	C-7-20
ARMY	FORT BENNING	GA421372101800	C-7-20
ARMY	FORT GILLEM	GA421402004600	C-6-62, C-6-92
ARMY	FORT MCPHERSON	GA421402056500	C-7-20
ARMY	FORT STEWART	GA421402087200	C-6-62
ARMY	FORT STEWART RANGE	GA421402087200	B-50
ARMY	HUNTER ARMY AIRFIELD	GA421402273300	C-7-20
AIR FORCE	DOBBINS AIR FORCE BASE	GA457122458700	C-7-20
AIR FORCE	ROBINS AIR FORCE BASE	GA457172433000	B-54, C-6-63
AIR FORCE	AIR FORCE PLANT NO. 6	GA457172460600	B-52, C-6-62
AIR FORCE	MOODY AIR FORCE BASE	GA457212410600	C-7-20
MARINE CORPS	MARINE CORPS BASE QUANTICO	GA457212410600	B-53
MARINE CORPS	MARINE CORPS BASE QUANTICO RANGE COMPLEX	GA457212410600	B-53
AIR FORCE	MOODY AIR FORCE BASE SMALL ARMS AND GRAND BAY RANGES	GA457212410600	B-54
AIR FORCE	SAVANNAH INTERNATIONAL AIRPORT	GA457282608100	C-7-20
AIR FORCE	SAVANNAH AGS (COMM) (RHODES)	GA457282611900	C-8-16
AIR FORCE	SAVANNAH CRTC	GA457282611901	C-8-16
AIR FORCE	LEWIS B. WILSON AIRPORT	GA457282746100	C-7-20
NAVY	GUAM NAVREGDENCEN	GU917002751300	C-8-17
NAVY	GUAM FISC	GU917002753200	C-7-21
NAVY	GUAM APRA HARBOR COMPLEX	GU917002753200, GU917002757600, GU917002758300, GU917002758500	C-6-65 and C-7-21
NAVY	AGANA NAVAL AIR STATION	GU917002755700	71, C-8-17
NAVY	GUAM PWC	GU917002757600	C-7-21
NAVY	GUAM NCTAMS WESTPAC	GU917002757700	C-6-65

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NAVY	GUAM NAVACTS	GU917002758300	B-49, C-6-65
NAVY	COMNAVMARIANAS GUAM	GU917002758300	B-51
NAVY	GUAM NSRF	GU917002758500	C-6-65
NAVY	GUAMI COMNAVMARIANAS	GU917005704300	C-7-21
NAVY	GUAM NAVFAC	GU917005745000	C-8-17
AIR FORCE	ANDERSEN AIR FORCE BASE	GU957309951900	C-6-66, C-8
NAVY	LUALUALEI NAVMAG	HI917002227100	C-6-70
AIR FORCE	BARBERS POINT NAS	HI917002432600	C-7-21
NAVY	PEARL HARBOR PWC	HI917002433400	C-6-72
NAVY	PEARL HARBOR NAVAL COMPLEX	HI917002433900	49, 50, B-51, B-62, C-6-71
NAVY	PEARL HARBOR NSB	HI917002434000	C-7-21
NAVY	PEARL HARBOR NS	HI917002434100	C-6-71, C-8
NAVY	PEARL HARBOR FISC	HI917002434200	C-6-71
NAVY	NAVAL COMPUTER AND TELECOMMUNICATIONS AREA MASTER STATION, PACIFIC	HI917002438800	C-6-72
NAVY	BARKING SANDS PMRF	HI917002471900	C-6-70
NAVY	PEARL HARBOR INACTSHIPDET	HI917002477900	C-8-17
MARINE CORPS	MARINE CORPS BASE HAWAII	HI917302276200	71, B-51, C-6-70
NAVY	CAMP H.M. SMITH OAHU	HI917302434700	C-7-21
ARMY	AMERICAN SAMOA LTA	HI92104PHS1900	C-8-17
ARMY	WAIAWA GULCH	HI921181508000	C-7-21
ARMY	ALIAMANU MILITARY RESERVATION	HI921452219900	C-8-17
ARMY	FORT DE RUSSY	HI921452220400	C-8-17
ARMY	FORT KAMEHAMEHA	HI921452220500	C-8-17
ARMY	FORT SHAFTER	HI921452220700	C-7-21
ARMY	HELEMANO RAD REC STATION	HI921452220900	C-8-17
ARMY	KAHUKU TRAINING AREA	HI921452221200	C-8-17
ARMY	KAPALAMA MILITARY RESERVATION	HI921452221400	C-8-17
ARMY	KILAUEA MILITARY RESERVATION	HI921452221900	C-8-17
ARMY	KIPAPA AMMO STORAGE SITE	HI921452222000	C-8-17
ARMY	MAKUA MILITARY RESERVATION	HI921452222700	C-6-69

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ARMY	POHAKULOA TRAINING AREA	HI921452223400	C-7-21
ARMY	SCHOFIELD BARRACKS	HI921452223900	C-6-69
ARMY	TRIPLER ARMY MEDICAL CENTER	HI921452224100	C-7-21
ARMY	WAIKAKALAU AMMO STORAGE TUNNELS	HI921452224500	C-6-69
ARMY	WHEELER ARMY AIRFIELD	HI921452234900	C-7-21
ARMY	DILLINGHAM MIL RESERVATION	HI921452288900	C-8-17
ARMY	KUNIA FIELD STATION	HI921452305900	C-8-17
AIR FORCE	MAUI SATELLITE TRACKING STATION	HI957112885500	C-8-17
AIR FORCE	HILO COMM STATION	HI957282963000	C-7-21
AIR FORCE	KAHULUI COMM STATION	HI957282963500	C-7-21
AIR FORCE	BELLOWS AIR FORCE STATION	HI957302871900	C-6-72
AIR FORCE	BELLOWS AIR FORCE STATION	HI957302871900	71
AIR FORCE	HICKAM AIR FORCE BASE	HI957302872200	71, C-8, C-6-73
Air Force	HICKAM POL	HI957302872300	C-8
AIR FORCE	KAENA POINT	HI957302872400	C-7-21
AIR FORCE	KOKEE STATE PARK	HI957302872500	C-8-17
AIR FORCE	KAALA AIR FORCE STATION	HI957302872700	C-8-17
AIR FORCE	PUNAMANO AIR FORCE STATION	HI957302872800	C-8-17
AIR FORCE	WHEELER ARMY AIR FIELD	HI957302873200	C-8-17
AIR FORCE	PALEHUA SOLAR ORBS	HI957302878700	C-8-17
ARMY	USARC DES MOINES (ASF 60)	IA7210443N6000	C-8-22
ARMY	AMES USARC	IA721044711100	C-8-22
ARMY	BURLINGTON MEMORIAL USARC	IA721044711200	C-8-22
ARMY	CEDAR RAPIDS AFRC	IA721044711300	C-8-22
ARMY	SP4 RONALD L MEANS USARC	IA721044711400	C-8-22
ARMY	CRESTON MEMORIAL USARC	IA721044711600	C-8-22
ARMY	PFC LLOYD C WOHLFORD JR USARC	IA721044711800	C-8-22
ARMY	USARC DES MOINES (63/64/139)	IA721044712000	C-8-22
ARMY	DUBUQUE AFRC	IA721044712500	C-8-22
ARMY	USARC FORT DODGE	IA721044712600	C-8-22
ARMY	USARC GARNER, IA	IA721044712700	C-8-22
ARMY	ROBERT C KADGIHN USARC	IA721044712800	C-8-22

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ARMY	MT PLEASANT USARC	IA721044713000	C-8-22
ARMY	MUSCATINE USARC	IA721044713100	C-8-22
ARMY	USARC OTTUMWA	IA721044713200	C-8-22
ARMY	POCAHONTAS USARC	IA721044713300	C-8-22
ARMY	FREEMAN-DAVIS USARC	IA721044713400	C-8-22
ARMY	JOE L MACKEY AFRC/AMSA	IA721044713500	C-8-22
ARMY	WASHINGTON MEMORIAL USARC	IA721044713600	C-8-22
ARMY	DAVENPORT USARC	IA721044717700	C-8-22
ARMY	WASHINGTON (AMSA)	IA7210447G3000	C-8-22
ARMY	FT DES MOINES USARC	IA721044812100	C-8-22
ARMY	WAVERLY TRAINING SITE	IA721189002900	C-8-22
ARMY	IOWA ARMY AMMUNITION PLANT	IA721382044500	C-6-85
ARMY	FORT DES MOINES	IA721402026400	C-8-22
AIR FORCE	SIOUX GATEWAY MUNICIPAL AIRPORT	IA757282425600	C-7-25
AIR FORCE	DES MOINES INTERNATIONAL AIRPORT	IA757282589500	C-8-22
AIR FORCE	FORT DODGE AIR GUARD STATION	IA757282592100	C-8-22
NAVY	BAYVIEW ID NSWG	ID017002757900	C-8-18
ARMY	AFRC IDAHO FALLS	ID021042261800	C-8-18
ARMY	USARC COEUR D'ALENE	ID021042283600	C-8-18
ARMY	USARC TWIN FALLS	ID021042304700	C-8-18
ARMY	USARC BOISE (AMSA 3)	ID021046FD0200	C-8-18
ARMY	USARC REXBURG	ID021046FD1000	C-8-18
ARMY	ORCHARD RANGE TS BOISE	ID0211816A2500	C-8-18
ARMY	KIMAMA TS RUPERT	ID0211816B9500	C-7-23
AIR FORCE	MOUNTAIN HOME AIR FORCE BASE	ID057212455700	C-7-23
AIR FORCE	BOISE AIR TERMINAL GOWEN FIELD	ID057282587400	C-7-23
NAVY	GREAT LAKES NTC	IL517002259600	C-6-82
NAVY	GLENVIEW NAS	IL517002293000	C-8-19
NAVY	LIBERTYVILLE TRAINING SITE	IL517009999900	C-8-19
ARMY	USARC PEORIA (NORTHMOOR)	IL521042069300	C-8-19
ARMY	USARC CHICAGO (BRYN MAWR AVE)	IL521042108300	C-8-19
ARMY	1LT A.J. ELLISON USARC	IL521042173900	C-8-19

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ARMY	LINCOLN-DOUGLAS USARC	IL521042176200	C-8-19
ARMY	AMSA #45	IL521042182800	C-8-19
ARMY	CPT ROBERT B. CHAPMAN USARC	IL521042195400	C-8-19
ARMY	SSG R. E. WALTON USARC	IL521042199300	C-8-19
ARMY	USARC KANKAKEE	IL521042212000	C-8-19
ARMY	USARC ROCKFORD (15TH AVE)	IL521042299900	C-8-19
ARMY	JOLIET RAILROAD USARC	IL521042364000	C-8-19
ARMY	USARC ROCKFORD (FIRST)	IL521044300700	C-8-19
ARMY	FOX VALLEY MEMORIAL USARC	IL521044302500	C-8-19
ARMY	BLOOMINGTON USARC	IL521044302800	C-8-19
ARMY	SGT BRUCE G HOWERTER USARC	IL521044302900	C-8-19
ARMY	SFC E L COPPLE USARC	IL521044303000	C-8-19
ARMY	USARC CHICAGO (KEDZIE AVE)	IL521044303300	C-8-19
ARMY	USARC ROSEMONT	IL521044303400	C-8-19
ARMY	SGT JAMES W. ROBINSON JR USARC	IL521044303500	C-8-19
ARMY	MAJ HERBERT J DEXTER USARC	IL521044304000	C-8-19
ARMY	USARC EAST ST LOUIS	IL521044304200	C-8-19
ARMY	LOUIS JOLIET AFRC	IL521044304800	C-8-19
ARMY	PFC R G WILSON USARC	IL521044305000	C-8-19
ARMY	ROCKFORD USARC	IL521044305600	C-8-19
ARMY	MAJ M. D. O'DONNELL USARC	IL521044305900	C-8-19
ARMY	2LT R H STEPHENS USARC	IL521044306000	C-8-19
ARMY	USARC MAYWOOD (AMSA 46)	IL5210443G4600	C-8-19
ARMY	USARC FORT SHERIDAN (AMSA 47)	IL5210443G4700	C-8-19
ARMY	USARC PEORIA (AMSA 48)	IL5210443G4800	C-8-19
ARMY	USARC GLENVIEW (ASF 26)	IL5210443N2600	C-8-19
ARMY	PFC R. GANTNER USARC	IL521044F02700	C-8-19
ARMY	SCOTT AFB USARC	IL521044F06800	C-8-19
ARMY	VETERANS MEMORIAL USARC	IL521044N03100	C-8-19
ARMY	USARC GALESBURG	IL521044N04600	C-8-19
ARMY	WAUKEGAN AFRC	IL521044N06100	C-8-19
ARMY	COL P. SCHULSTAD USARC	IL521044N06500	C-8-19

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ARMY	USARC CHICAGO (GIBSON)	IL521044U03200	C-8-19
ARMY	ZEGA BROTHERS USARC	IL52104IL05000	C-8-19
ARMY	VIETNAM VET MEM USARC (SOUTH)	IL52104IL05100	C-8-19
ARMY	PHILIP H SHERIDAN RESERVE CTR	IL52104IL13100	C-8-19
ARMY	HOMEWOOD ARNG	IL521181712300	C-8-19
ARMY	N RIVERSIDE MAINTENANCE CENTER	IL521181718000	C-8-19
ARMY	CHARLES MELVIN PRICE SUPPORT CENTER	IL521382037600	C-7-23
ARMY	JOLIET AAP	IL521382046000	C-6-81
ARMY	SAVANNA ARMY DEPOT	IL521382080300	C-6-82
ARMY	ROCK ISLAND ARSENAL	IL521382183300	C-6-81
ARMY	FAMILY HOUSING WORTH	IL521401755200	C-8-19
ARMY	FAMILY HOUSING ADDISON	IL521401757200	C-8-19
ARMY	FORT SHERIDAN	IL521402083800	C-6-81
AIR FORCE	CHANUTE AIR FORCE BASE	IL557002475700	C-6-82
AIR FORCE	O'HARE IAP ARS	IL557122427200	C-8-19
AIR FORCE	SCOTT AIR FORCE BASE	IL557182417700	C-6-83
AIR FORCE	CAPITAL MUNICIPAL AIRPORT (SPRINGFIELD)	IL557282588200	C-7-23
AIR FORCE	GREATER PEORIA AIRPORT	IL557282590700	C-7-23
NAVY	INDIANAPOLIS NAWC	IN517002349900	C-7-24
NAVY	CRANE NSWC	IN517002350000	B-51, C-6-84
ARMY	USARC NORTH JUDSON	IN521042157100	C-8-21
ARMY	USARC GARY	IN521042157300	C-8-21
ARMY	USARC SCOTTSBURG	IN521042176300	C-8-21
ARMY	USARC JEFFERSONVILLE	IN521042203900	C-8-21
ARMY	ROPER R. PEDDICORD USARC	IN521044J07900	C-8-21
ARMY	AFRC EVANSVILLE	IN521044J08000	C-8-21
ARMY	FT BEN HARRISON USARC/AMSA129	IN521044J08100	C-8-21
ARMY	USARC INDIANAPOLIS	IN521044J08500	C-8-21
ARMY	GEORGE E. HALLIDAY USARC	IN521044J09100	C-8-21
ARMY	USARC RUSHVILLE	IN521044J09700	C-8-21
ARMY	USARC SOUTH BEND (AMSA 39)	IN521044JG3900	C-8-21
ARMY	COL KENNETH P. WILLIAMS USARC	IN521044L07600	C-8-21

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ARMY	SGT CHARLES H. SESTON USARC	IN521044L07700	C-8-21
ARMY	PFC W. L. GILLESPIE USARC	IN521044L08200	C-8-21
ARMY	CPL ROBT SHAFFER USARC	IN521044L09000	C-8-21
ARMY	RICHMOND USARC	IN521044L09600	C-8-21
ARMY	ROBERT R. MOSELE USARC	IN521044T10000	C-8-21
ARMY	CAMP ATTERBURY	IN521181807500	C-8-21
ARMY	FORT BENJAMIN HARRISON	IN521372040200	C-8-21
ARMY	INDIANA ARMY AMMUNITION PLANT	IN521382044300	C-7-24
ARMY	JEFFERSON PROVING GROUND	IN521382045400	C-7-24
ARMY	NEWPORT CHEMICAL DEPOT	IN521382227200	C-7-24
ARMY	CRANE ARMY AMMUNITION ACTIVITY	IN521522349800	C-7-24
AIR FORCE	GRISSOM AIR FORCE BASE	IN557212447200	B-62, C-6-84, C-7
AIR FORCE	HULMAN REGIONAL AIRPORT	IN557282590500	C-8-21
AIR FORCE	FORT WAYNE MUNICIPAL AIRPORT	IN557282590600	C-8-21
AIR FORCE	JOHNSTON ATOLL	JQ957309850000	C-8-17
ARMY	DODGE CITY USARC	KS721042374200	C-8-23
ARMY	USARC BAXTER SPRINGS	KS721045CE0100	C-8-23
ARMY	USARC ARKANSAS CITY	KS721045CE0300	C-8-23
ARMY	EL DORADO USARC	KS721045CE0400	C-8-23
ARMY	EMPORIA USARC	KS721045CE0600	C-8-23
ARMY	USARC FORT LEAVENWORTH	KS721045CE0700	C-8-23
ARMY	USARC FORT RILEY (1968)	KS721045CE0800	C-8-23
ARMY	GARDEN CITY USARC	KS721045CE1000	C-8-23
ARMY	RALPH B PRAGER USARC	KS721045CE1200	C-8-23
ARMY	USARC HAYS	KS721045CE1400	C-8-23
ARMY	AFRC HUTCHINSON	KS721045CE1800	C-8-23
ARMY	WIGGINS - ROTLER USARC	KS721045CE2000	C-8-24
ARMY	TREMBLY WHITE USARC	KS721045CE2200	C-8-23
ARMY	USARC LENEXA	KS721045CE2300	C-8-23
ARMY	SAMUEL J CHURCHILL USARC	KS721045CE2400	C-8-23
ARMY	MANHATTAN USARC	KS721045CE2600	C-8-23
ARMY	OSAGE CITY USARC	KS721045CE3400	C-8-23

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ARMY	USARC OSAWATOMIE	KS721045CE3600	C-8-24
ARMY	SST DAVID BRENNER USARC/AMSA	KS721045CE3800	C-8-23
ARMY	LT WM M BENEFIELD JR USARC	KS721045CE4000	C-8-23
ARMY	SALINA USARC	KS721045CE4400	C-8-23
ARMY	USARC SCOTT CITY	KS721045CE4600	C-8-24
ARMY	SUNFLOWER WET SITE	KS721045CE4700	C-8-23
ARMY	USARC WELLINGTON	KS721045CE5400	C-8-24
ARMY	LANNY J WALLACE USARC/AMSA	KS721045CE5600	C-8-23
ARMY	ECS 33	KS721045CE5900	C-8-23
ARMY	NEW CENTURY USARC/ASF # 37	KS721045FE2100	C-8-23
ARMY	FORT RILEY USARC	KS72104KS00700	C-8-23
ARMY	AFRC TOPEKA (MENNINGER)	KS72104KS03300	C-8-23
ARMY	USARC TOPEKA (AMSA 39)	KS72104KS03400	C-8-24
ARMY	ATCHISON CAVES STORAGE FACILITY	KS72104KS09200	C-8-23
ARMY	FORT LEAVENWORTH	KS721372049900	C-7-25
ARMY	KANSAS ARMY AMMUNITION PLANT	KS721382046700	C-6-86
ARMY	SUNFLOWER ARMY AMMUNITION PLANT	KS721382087800	C-8-23
ARMY	FORT RILEY	KS721402075600	C-7-25
AIR FORCE	MCCONNELL AIR FORCE BASE	KS757212414000	C-6-86
AIR FORCE	MCCONNELL AIR FORCE BASE TITAN SITES	KS757212414001	C-7-25
AIR FORCE	FORBES FIELD (TOPEKA)	KS757282404300	C-8-24
NAVY	LOUISVILLE NSWC	KY417002417500	C-7-27
ARMY	USARC OWENSBORO	KY421042141400	C-8-25
ARMY	USARC LEXINGTON (BARROW)	KY421042157200	C-8-25
ARMY	USARC GEORGETOWN	KY4210421Y5400	C-8-25
ARMY	USARC HARDINSBURG	KY4210421Y5700	C-8-25
ARMY	USARC LOUISVILLE (CENTURY)	KY4210421Y6300	C-8-25
ARMY	USARC LEBANON	KY4210421Y6400	C-8-25
ARMY	USARC BERE A	KY4210421Y9100	C-8-25
ARMY	USARC BEATTYVILLE	KY4210421Y9200	C-8-25
ARMY	USARC BARDSTOWN	KY421042249300	C-8-25
ARMY	USARC MADISONVILLE	KY421042255500	C-8-25

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ARMY	AFRC LEXINGTON	KY421042293600	C-8-25
ARMY	USARC LOUISVILLE	KY421042JY4000	C-8-25
ARMY	USARC LEXINGTON (BLUE GRASS)	KY421042JY6200	C-8-25
ARMY	USARC LOUISVILLE (BOWMAN HANGER 7)	KY421042JY7000	C-8-25
ARMY	USARC PIKEVILLE	KY421042JY8100	C-8-25
ARMY	USARC PADUCAH 02	KY421042JY9900	C-8-25
ARMY	USARC FORT KNOX (ECS 63)	KY421042JYE100	C-8-25
ARMY	USARC BOWLING GREEN	KY42104KY00600	C-8-25
ARMY	AFRC HOPKINSVILLE	KY42104KY03800	C-8-25
ARMY	USARC LOUISVILLE (MAJOR)	KY42104KY04800	C-8-25
ARMY	USARC MAYSVILLE	KY42104KY05400	C-8-25
ARMY	USARC PADUCAH 01	KY42104KY06200	C-8-25
ARMY	FORT KNOX	KY421372047900	C-7-27
ARMY	BLUE GRASS ARMY DEPOT	KY421382010500	C-7-27
ARMY	BLUE GRASS ARMY DEPOT-LEXINGTON FACILITY	KY421382050900	C-8-25
ARMY	FORT CAMPBELL	KY421402014000	C-7-27
AIR FORCE	STANDIFORD FIELD	KY457282590000	C-8-25
NAVY	NEW ORLEANS NSA	LA617002260400	C-8-26
NAVY	NEW ORLEANS NAS	LA617002278800	C-7-27
ARMY	USARC LAFAYETTE	LA621042250300	C-8-26
ARMY	USARC HOUMA	LA621042256400	C-8-26
ARMY	USARC BATON ROUGE (ROBERTS)	LA621045HL0200	C-8-26
ARMY	USARC BOGALUSA	LA621045HL0300	C-8-26
ARMY	USARC HAMMOND	LA621045HL0400	C-8-26
ARMY	USARC LAKE CHARLES	LA621045HL0500	C-8-26
ARMY	USARC NEW ORLEANS (FLEMING)	LA621045HL0600	C-8-26
ARMY	USARC SHREVEPORT 02	LA621045HL1100	C-8-26
ARMY	USARC SLIDELL	LA621045HL1200	C-8-26
ARMY	USARC BATON ROUGE (NORTH)	LA621045HL1500	C-8-26
ARMY	USARC FORT POLK (ECS 17)	LA621045HL1600	C-8-26
ARMY	USARC ALEXANDRIA, LA	LA621045OL1800	C-8-26
ARMY	USARC MONROE	LA621045OL2000	C-8-26

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ARMY	USARC BOSSIER CITY	LA621045OL2100	C-8-26
ARMY	USARC NEW ORLEANS (DIAMOND)	LA621045SL2200	C-8-26
ARMY	USARC BATON ROUGE 03	LA621045SL2300	C-8-26
ARMY	USARC FORT POLK (8610)	LA621045VL2400	C-8-26
ARMY	USARC BATON ROUGE (SAURAGE)	LA621045VL2500	C-8-26
ARMY	NEW ORLEANS MILITARY OCEAN TERMINAL	LA621352270300	C-8-26
ARMY	LOUISIANA ARMY AMMUNITION PLANT	LA621382053300	C-7-27
ARMY	FORT POLK	LA621402071600	C-6-91
ARMY	PEASON RIDGE FORT POLK	LA621402272500	C-8-26
AIR FORCE	ENGLAND AIR FORCE BASE	LA657002445200	C-7-27
AIR FORCE	BARKSDALE AIR FORCE BASE	LA657212405000	C-6-91
AIR FORCE	HAMMOND COMM STATION	LA657282745500	C-7-27
AIR FORCE	CAMP BEAUREGARD	LA69799F013300	C-7-27
ARMY	ARMY TRAINING CENTER & FORT JACKSON RANGES	LA69799F693300	B-50
NAVY	SOUTH WEYMOUTH NAS	MA117002202200	C-6-100, C-6-174
NAVY	QUINCY NRC	MA117002207200	C-8-29
NAVY	BEDFORD NWIRP	MA117002357000	C-6-99
ARMY	USARC ATTLEBORO	MA1210414F0600	C-8-29
ARMY	USARC BROCKTON (AMSA 66)	MA1210414F2000	C-8-29
ARMY	AFRC CHICOPEE	MA1210414F2600	C-8-29
ARMY	USARC PITTSFIELD	MA1210414F6200	C-8-29
ARMY	USARC ROSLINDALE	MA1210414F6800	C-8-29
ARMY	USARC TAUNTON	MA1210414F7300	C-8-29
ARMY	USARC WORCESTER	MA1210414F7700	C-8-29
ARMY	FORT DEVENS	MA121042027000	C-6-99
ARMY	DANVERS USARC	MA121042157800	C-8-29
ARMY	ARTHUR MACARTHUR USARC	MA121042588500	C-7-30
ARMY	BOSTON USARC	MA12104MA00400	C-8-29
ARMY	ARMY AVIATION SUPT FAC, CHICOPEE	MA121182507500	C-8-29
ARMY	MTA CAMP EDWARDS	MA121182517500	C-7-30
ARMY	NATIONAL GUARD FACILITY, REHOBOTH	MA121182525500	C-8-29

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ARMY	WAYLAND ARNG ARMORY	MA121182529500	C-8-29
ARMY	SOLDIER SYSTEMS CENTER	MA121382063100	C-6-99
ARMY	ARMY RESEARCH LABORATORY-WATERTOWN	MA121382093900	C-8-29
ARMY	FAMILY HOUSING HULL, MA 36	MA121402028500	C-8-29
ARMY	FAMILY HOUSING NAHANT, MA 17	MA121402257300	C-8-29
ARMY	HINGHAM ANNEX	MA121402280500	C-8-29
ARMY	SUDBURY TRAINING ANNEX	MA121402300900	C-8-29
ARMY	FAMILY HOUSING BURLINGTON NIKE 84	MA121402518000	C-8-29
ARMY	FAMILY HOUSING WAKEFIELD 3	MA121402540400	C-8-29
ARMY	FAMILY HOUSING BEVERLY 15	MA121402541600	C-8-29
ARMY	FAMILY HOUSING RANDOLPH 55	MA121402545600	C-8-29
ARMY	FAMILY HOUSING BEDFORD 85	MA121402548600	C-8-29
ARMY	FAMILY HOUSING SWANSEA 29	MA121402553000	C-8-29
ARMY	FAMILY HOUSING TOPSFIELD 5	MA121402590700	C-8-29
AIR FORCE	WESTOVER AIR FORCE RESERVE CENTER	MA157122402600	71, C-7-30
AIR FORCE	HANSCOM AIR FORCE BASE	MA157172442400	C-6-100
AIR FORCE	NORTH TRURO AIR FORCE STATION	MA157212449300	C-8-30
AIR FORCE	MASSACHUSETTS MILITARY RESERVATION (MMR)	MA157282448700	71, C-6-100, C-7
AIR FORCE	BARNES MUNICIPAL AIRPORT	MA157282590200	C-7-30
AIR FORCE	WORCESTER AIR NATIONAL GUARD STATION	MA157282592200	C-8-30
ARMY	USARC AMHERST	MA22104MA00100	C-8-42
NAVY	BALTIMORE NRC	MD317002252600	C-7-29
NAVY	BAINBRIDGE NTC	MD317002256200	C-7-29
NAVY	ANNAPOLIS US NAVAL ACADEMY	MD317002260200	C-7-29
NAVY	WHITE OAK NSWC	MD317002344400	C-7-29
NAVY	INDIAN HEAD NSWC	MD317002410900	C-6-96
NAVY	CHELTENHAM NCTC	MD317002443700	C-7-29
NAVY	PATUXENT RIVER NAVAL AIR STATION	MD317002453600	C-6-97
NAVY	CARDEROCK NSWC	MD317002468600	C-8-28
NAVY	BETHESDA NAVMEDCOM NATCAPREG	MD317002468700	C-7-29
NAVY	ST INIGOES NISE EAST COAST DET	MD317002472000	C-7-29
NAVY	ANNAPOLIS NSWC DET BAY HEAD ANNEX	MD317002752000	C-8-28

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NAVY	SOLOMONS ANNEX NAVRECCEN	MD317002753100	C-7-29
NAVY	CHESAPEAKE BAY DET NRL	MD317002754600	C-7-29
NAVY	POMONKEY TEST RANGE NRL	MD317002754700	C-7-29
NAVY	WALDORF NRL	MD317002756500	C-7-29
NAVY	ANNAPOLIS NS	MD317009002200	C-7-29
ARMY	FORT HOLABIRD	MD321022041900	C-8-28
ARMY	FORT GEORGE G. MEADE	MD321022056700	C-6-96, C-7
ARMY	FORT RITCHIE	MD321022075800	C-8-28
ARMY	HARRY DIAMOND LABORATORY GAITHERSBURG	MD321022273900	C-8-28
ARMY	PHOENIX MILITARY RESERVATION	MD321022440200	C-7-29
ARMY	FAMILY HOUSING NIKE WASH BALT 35 CROOM	MD321022443500	C-8-28
ARMY	USARC HAGERSTOWN (ASF 111)	MD3210415GA200	C-8-28
ARMY	USARC BALTIMORE (SHERIDAN)	MD321042006100	C-8-28
ARMY	USARC BALTIMORE (TURNER)	MD321042006200	C-8-28
ARMY	USARC GREENSPRING	MD321042137900	C-8-28
ARMY	USARC ANNAPOLIS	MD321042144500	C-8-28
ARMY	USARC HAGERSTOWN (TAGG-ZIRKLE)	MD321042172500	C-8-28
ARMY	USARC ROCKVILLE	MD321042182700	C-8-28
ARMY	USARC RIVERDALE	MD321042207100	C-8-28
ARMY	USARC WESTMINSTER	MD321042231000	C-8-28
ARMY	USARC CUMBERLAND	MD321042231700	C-8-28
ARMY	USARC CURTIS BAY (BRANDT)	MD321042257700	C-8-28
ARMY	USARC GAITHERSBURG	MD321042273900	C-8-28
ARMY	USARC BALTIMORE (JECELIN)	MD321042281700	C-8-28
ARMY	USARC FREDERICK (FLAIR)	MD32104MD01200	C-8-28
ARMY	USARC CAMP SPRINGS	MD32104MD01600	C-8-28
ARMY	USARC CURTIS BAY (AMSA 83)	MD32104MD02400	C-8-28
ARMY	FORT DETRICK	MD321162026700	C-6-96
ARMY	FOREST GLEN	MD321162460500	C-6-95
ARMY	OLNEY MILITARY RESERVATION	MD321182417500	C-8-28
ARMY	BLOSSOM POINT RESEARCH FACILITY	MD321382100200	C-6-95
ARMY	ABERDEEN PROVING GROUND	MD321382135500	C-6-95

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ARMY	US ARMY RESEARCH LABORATORY ADELPHI	MD321382276200	C-8-28
AIR FORCE	ANDREWS AIR FORCE BASE	MD357182400000	C-6-97, C-8
AIR FORCE	MARTIN STATE AIRPORT	MD357282590100	C-7-29
NAVY	NAVAL AIR STATION BRUNSWICK	ME117002201800	C-6-93
NAVY	PORTSMOUTH NAVAL SHIPYARD	ME117002201900	C-6-93
NAVY	CUTLER NCTS	ME117002435500	C-6-93
ARMY	USARC AUBURN	ME1210414H0400	C-8-27
ARMY	USARC BANGOR	ME1210414H1500	C-8-27
ARMY	USARC BRIDGTON	ME1210414H2000	C-8-27
ARMY	USARC DEXTER	ME1210414H2800	C-8-27
ARMY	USARC SACO	ME1210414H5500	C-8-27
ARMY	AUBURN TRAINING SITE	ME121182301000	C-8-27
AIR FORCE	LORING AIR FORCE BASE	ME157002452200	C-6-94
AIR FORCE	BANGOR INTERNATIONAL AIRPORT	ME157282453400	C-7-28
AIR FORCE	SOUTH PORTLAND AIR NATIONAL GUARD STATION	ME157282727700	C-7-28
AIR FORCE	COLUMBIA FALLS AFS	ME357212207400	C-8-27
ARMY	PONTIAC STORAGE ACTIVITY	MI521002142000	C-8-31
ARMY	USARC GRAND RAPIDS	MI521042037400	C-8-31
ARMY	USARC JACKSON	MI521042193700	C-8-31
ARMY	USARC BAY CITY	MI521042207300	C-8-31
ARMY	1LT ROBERT L POXON USARC	MI521042266200	C-8-31
ARMY	DONALD C. SCHORLING USARC	MI521044J20600	C-8-31
ARMY	USARC DETROIT	MI521044J21000	C-8-31
ARMY	KALAMAZOO MEMORIAL USARC	MI521044J21600	C-8-31
ARMY	USARC BAD AXE	MI521044J22500	C-8-31
ARMY	GEORGE B. DOLLIVER USARC/AMSA	MI521044JG1500	C-8-31
ARMY	USARC LANSING (AMSA 40, SUB 1)	MI521044JG1600	C-8-31
ARMY	USARC LIVONIA (AMSA 40)	MI521044JG4000	C-8-31
ARMY	AMSA #136 (G)	MI521044JG4300	C-8-31
ARMY	MG GUY M. WILSON USARC	MI521044L21100	C-8-31
ARMY	BG WILLIAM H. BIRBARI USARC	MI521044L21200	C-8-31
ARMY	2LT WALTER HAUPT USARC	MI521044Q22000	C-8-31

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ARMY	DEMUS T. CRAW USARC/BMA136	MI521044Q22300	C-8-31
ARMY	RAYMOND ZUSSMAN USARC	MI521044T21400	C-8-31
ARMY	FORT CUSTER TRAINING CENTER	MI521182603500	C-8-31
ARMY	CAMP GRAYLING ARMY AIRFIELD	MI521182651500	C-7-31
ARMY	DETROIT ARSENAL	MI521382026800	C-8-31
ARMY	KEWEENAW FIELD STATION	MI521382258300	C-8-31
ARMY	US ARMY GARRISON - MICHIGAN	MI521382683200	C-7-31
AIR FORCE	WURTSMITH AIR FORCE BASE	MI557002427800	C-6-103
AIR FORCE	K.I. SAWYER AIR FORCE BASE	MI557002476000	C-6-103
AIR FORCE	SELFRIDGE AIR GUARD BASE	MI557282426200	C-6-103
AIR FORCE	WK KELLOGG REGIONAL AIRPORT	MI557282612100	C-8-31
AIR FORCE	ALPENA COUNTY REGIONAL AIRPORT	MI557282890300	C-7-31
NAVY	FRIDLEY NIROP	MN517002291400	B-62, C-7-32
NAVY	ST PAUL NIROP	MN517002448500	C-7-32
ARMY	USARC NEW PRAGUE	MN521004725800	C-8-33
ARMY	FORT SNELLING USARC/AMSA	MN521042085300	C-7-32
ARMY	USARC LE SUEUR	MN521042234100	C-8-33
ARMY	USARC DULUTH	MN521042245100	C-8-33
ARMY	USARC FERGUS FALLS	MN521042291900	C-8-33
ARMY	TERRANCE A. PETERSON USARC	MN521044723700	C-8-33
ARMY	CAMBRIDGE MEMORIAL USARC	MN521044723900	C-8-33
ARMY	USARC CANNON FALLS	MN521044724000	C-8-33
ARMY	GEN BEEBE USARC/AMSA #111 (G)	MN521044724200	C-8-33
ARMY	USARC SO INTERNATIONAL FALLS	MN521044725300	C-8-33
ARMY	MANKATO MEMORIAL USARC	MN521044725600	C-8-33
ARMY	USARC MARSHALL	MN521044725700	C-8-33
ARMY	PAYNESVILLE USARC	MN521044725900	C-8-33
ARMY	WABASHA MEMORIAL USARC	MN521044726400	C-8-33
ARMY	USARC WALKER	MN521044726500	C-8-33
ARMY	WILLMAR MEMORIAL USARC	MN521044726600	C-8-33
ARMY	USARC WINONA	MN521044726700	C-8-33
ARMY	HENRY H. SIBLEY MEM USARC/OMS	MN521044726800	C-8-33

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ARMY	AMSA #101 (G)	MN5210447G2300	C-8-33
ARMY	MSG ARMIN C. LIEDER USARC	MN521044Q23800	C-8-33
ARMY	TWIN CITIES ARMY AMMUNITION PLANT	MN521382090800	B-62, C-6-105
AIR FORCE	MINNEAPOLIS-ST. PAUL AIR RESERVE BASE	MN557122427500	C-8-33
AIR FORCE	DULUTH MUNICIPAL AIRPORT	MN557212428400	C-7-32
AIR FORCE	MINNEAPOLIS-ST. PAUL MAP/IAP	MN557282427500	C-7-32
AIR FORCE	DULUTH INTERNATIONAL AIRPORT	MN557282847300	C-6-105
NAVY	KANSAS CITY MO MCRCO	MO017006738600	C-8-36
NAVY	KANSAS CITY MCSA	MO717006738600	C-7-33
ARMY	GATEWAY AAP	MO721002081300	C-8-35
ARMY	ST LOUIS ORDNANCE PLANT	MO721042246500	C-7-33
ARMY	CPL JESSE N FUNK USARC	MO721045FM0100	C-8-35
ARMY	SPC CLIFFORD M. DAVIS USARC	MO721045FM0200	C-8-35
ARMY	MG LE JONES USARC	MO721045FM0300	C-8-35
ARMY	USARC CAPE GIRARDEAU	MO721045FM0400	C-8-35
ARMY	1LT R W HEISINGER USARC	MO721045FM0500	C-8-35
ARMY	JOPLIN USARC	MO721045FM0600	C-8-35
ARMY	SGT CHARLES R LONG USARC	MO721045FM0700	C-8-35
ARMY	USARC POPLAR BLUFF	MO721045FM0800	C-8-35
ARMY	MEL CARNAHAN MEMORIAL AFRC	MO721045FM0900	C-8-35
ARMY	SPRINGFIELD AFRC	MO721045FM1000	C-8-35
ARMY	WELDON SPRING USARC/LTA	MO721045FM1100	C-8-35
ARMY	CPL FORREST E PEDEN USARC	MO721045FM1200	C-8-35
ARMY	USARC ST LOUIS (HAMPTON)	MO721045FM1300	C-8-35
ARMY	USARC ST LOUIS (AMSA 55)	MO721045FM1400	C-8-35
ARMY	FORT LEONARD WOOD USARC	MO721045FM1600	C-8-35
ARMY	MG LIEF J SVERDRUP USARC/AMSA	MO721045FM1700	C-8-35
ARMY	ECS 66	MO721045FM2000	C-8-35
ARMY	USARC KIRKSVILLE (GRIM-SMITH)	MO721045FM2100	C-8-35
ARMY	HANNIBAL USARC	MO721045FM2400	C-8-35
ARMY	KIRKSVILLE LTA	MO721045FM2700	C-8-35
ARMY	WASHINGTON USARC	MO721045NM2500	C-8-35

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ARMY	FARMINGTON USARC	MO721045NM2600	C-8-35
ARMY	CAMP CROWDER	MO721182921000	C-7-33
ARMY	MTA CAMP CLARK NEVADA	MO721182950500	C-8-35
ARMY	FORT LEONARD WOOD	MO721372097900	B-48, C-6-108
ARMY	NIKE KANSAS CITY 30	MO721372233100	C-8-35
ARMY	WELDON SPRING TRAINING AREA	MO721372998500	C-7-33
ARMY	LAKE CITY ARMY AMMUNITION PLANT NORTH-WEST LAGOON	MO721382048900	C-6-108
ARMY	LAKE CITY ARMY AMMUNITION PLANT	MO721382048900	B-50
ARMY	ST LOUIS ARMY AMMUNITION PLANT	MO721382122200	C-8-35
ARMY	FAMILY HOUSING ST LOUIS AREA SUPPORT CENTER ANNEX	MO721382977700	C-8-35
AIR FORCE	RICHARDS-GEBAUR AFB	MO757002429200	C-7-33
AIR FORCE	WHITEMAN AIR FORCE BASE	MO757212454900	C-7-33
AIR FORCE	LAMBERT ST. LOUIS INTERNATIONAL AIRPORT	MO757282529000	C-8-36
AIR FORCE	ROSECRANS MEMORIAL AIRPORT	MO757282588000	C-7-33
AIR FORCE	JEFFERSON BARRACKS AIR GUARD STATION	MO757282963400	C-8-36
NAVY	MIDWAY NAF	MQ917002758400	C-8-33
NAVY	GULFPORT NCBC	MS417002262600	C-7-32
NAVY	MERIDIAN NAS	MS417002436800	C-7-32
ARMY	USARC JACKSON (SCOTT)	MS421042198300	C-8-34
ARMY	USARC PASCAGOULA 02	MS421042298600	C-8-34
ARMY	USARC BROOKHAVEN	MS421042910500	C-8-34
ARMY	USARC GREENVILLE, MS	MS421042911600	C-8-34
ARMY	USARC GREENWOOD (AMSA 144)	MS421042912000	C-8-34
ARMY	USARC GULFPORT (HICKEY)	MS421042912300	C-8-34
ARMY	USARC JACKSON (TERRY ROAD)	MS421042912500	C-8-34
ARMY	USARC HATTIESBURG	MS421042912600	C-8-34
ARMY	AFRC JACKSON	MS421042913000	C-8-34
ARMY	USARC LAUREL	MS421042913700	C-8-34
ARMY	USARC MERIDIAN	MS421042914200	C-8-34
ARMY	USARC NATCHEZ	MS421042914600	C-8-34

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ARMY	USARC STARKVILLE	MS421042915800	C-8-34
ARMY	USARC TUPELO	MS421042916400	C-8-34
ARMY	USARC VICKSBURG 04	MS421042917100	C-8-34
ARMY	USARC VICKSBURG 03	MS42104291A100	C-8-34
ARMY	USARC VICKSBURG 01	MS421042MI7000	C-8-34
ARMY	CLARKSDALE USARC	MS42104MS01200	C-8-34
ARMY	CTA CAMP MC CAIN	MS421182818500	C-8-34
ARMY	GULFPORT AVCRAD	MS421182819000	C-8-34
ARMY	MISSISSIPPI ARMY AMMUNITION PLANT	MS421382296600	C-7-32
AIR FORCE	COLUMBUS AIR FORCE BASE	MS457152406000	C-7-32
AIR FORCE	KEESLER AIR FORCE BASE	MS457152416400	C-7-32
AIR FORCE	KEY FIELD (MERIDIAN)	MS457282590400	C-7-32
AIR FORCE	GULFPORT BILOXI REGIONAL AIRPORT	MS457282593300	C-7-32
AIR FORCE	JACKSON IAP (ALLEN C THOMPSON)	MS457282647800	C-8-34
NAVY	BILLINGS NMCRC	MT817002341600	C-8-36
NAVY	BUTTE NRF	MT817002472400	C-8-36
ARMY	HELENA AFRC	MT821042159100	C-8-36
ARMY	USARC BILLINGS (AMSA 5-G)	MT821042208700	C-8-36
ARMY	USARC HELENA (ECS 6)	MT821042387800	C-8-36
ARMY	USARC BOZEMAN	MT821046FF0400	C-8-36
ARMY	BUTTE AFRC	MT821046FF0600	C-8-36
ARMY	USARC GREAT FALLS	MT821046FF0900	C-8-36
ARMY	KALISPELL AFRC	MT821046FF1400	C-8-36
ARMY	FORT WILLIAM HENRY HARRISON	MT821183008000	C-7-34
ARMY	FORT MISSOULA ARNG	MT821183058500	C-7-34
ARMY	FORT MISSOULA	MT821402059200	C-8-36
AIR FORCE	MALMSTROM AIR FORCE BASE	MT857182455600	C-7-34
AIR FORCE	GREAT FALLS INTERNATIONAL AIRPORT	MT857282592300	C-7-34
NAVY	WILMINGTON NRC	NC417002417800	C-7-42
MARINE CORPS	MARINE CORPS BASE CAMP LEJEUNE	NC417302258000	7, 49, 50, B-53, C-6- 129
MARINE CORPS	MCB CAMP LEJEUNE RANGE	NC417302258000	49, B-53

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NAVY	CHERRY POINT MCAS	NC417302726100	B-53, C-6- 129
ARMY	USARC ROCKY MOUNT	NC421042162400	C-8-43
ARMY	USARC HICKORY	NC421042162600	C-8-43
ARMY	USARC WILMINGTON	NC421042192900	C-8-43
ARMY	USARC ALBEMARLE	NC421042204600	C-8-43
ARMY	USARC MOREHEAD CITY	NC421042290600	C-8-43
ARMY	USARC CONCORD	NC421042303200	C-8-43
ARMY	USARC GARNER	NC4210428J2200	C-8-43
ARMY	AFRC GREENSBORO (RIVES)	NC4210428J2400	C-8-43
ARMY	USARC GREENSBORO	NC4210428J2500	C-8-43
ARMY	USARC GREENVILLE	NC4210428J2600	C-8-43
ARMY	USARC KINSTON	NC4210428J3700	C-8-43
ARMY	USARC SALISBURY	NC4210428J6200	C-8-43
ARMY	USARC WILMINGTON (AMSA 126-G)	NC4210428J7100	C-8-43
ARMY	USARC WINSTON-SALEM 01	NC4210428J7500	C-8-43
ARMY	AFRC ASHEBORO	NC421042EJ0400	C-8-43
ARMY	USARC BREVARD	NC421042EJ0700	C-8-43
ARMY	USARC CHARLOTTE	NC421042EJ1100	C-8-43
ARMY	USARC DURHAM	NC421042EJ1600	C-8-43
ARMY	USARC DURHAM 02	NC421042EJ1700	C-8-43
ARMY	USARC GRAHAM	NC421042EJ2300	C-8-43
ARMY	USARC FORT BRAGG	NC42104NC01700	C-8-43
ARMY	USARC RALEIGH 01	NC42104NC03800	C-8-43
ARMY	USARC WINSTON-SALEM (KING)	NC42104NC04900	C-8-43
ARMY	WILMINGTON OMS #17	NC421183752000	C-8-44
ARMY	MILITARY OCEAN TERMINAL SUNNY POINT	NC421352138600	C-8-43
ARMY	TARHEEL ARMY MISSILE PLANT	NC421382187400	C-8-43
ARMY	FORT BRAGG RANGE	NC421402012100	49, 50, B-50, C-7-42
ARMY	FORT BRAGG RECREATION CENTER #2	NC421402032800	C-8-43
ARMY	CAMP MACKALL	NC421402054000	C-8-43
AIR FORCE	SEYMOUR JOHNSON AIR FORCE BASE	NC457212447400	C-6-129

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AIR FORCE	DARE COUNTY	NC457212447401	C-8-44
AIR FORCE	POPE AIR FORCE BASE	NC457212447500	C-7-42
AIR FORCE	BADIN AIR GUARD STATION	NC457282589200	C-8-44
AIR FORCE	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT	NC457282589400	C-7-42
ARMY	LEWIS AND CLARK USARC (AMSA 23)	ND821042051300	C-8-44
ARMY	DAVID F. JOHNSON MEM USARC	ND821042260800	C-8-44
ARMY	USARC GRAND FORKS	ND821042292300	C-8-44
ARMY	MICKELSEN STANLEY R SFG MSR	ND821362278000	C-8-44
AIR FORCE	CAVALIER AIR FORCE STATION	ND857112889500	C-7-43
AIR FORCE	MINOT AIR FORCE BASE	ND857212475800	C-6-132
AIR FORCE	GRAND FORKS AIR FORCE BASE	ND857212475900	C-7-43
AIR FORCE	HECTOR FIELD INTERNATIONAL AIRPORT	ND857282592400	C-6-132
NAVY	LINCOLN NRC	NE717002302600	C-7-34
ARMY	MEADE WET SITE	NE721042244200	C-8-37
ARMY	GEN JC FREMONT MEMORIAL	NE721042291800	C-8-37
ARMY	COLUMBUS USARC	NE721042378300	C-8-37
ARMY	WYMORE USARC	NE721042389700	C-8-37
ARMY	USARC FAIRBURY	NE721045CG0400	C-8-37
ARMY	USARC GRAND ISLAND	NE721045CG0800	C-8-37
ARMY	USARC KEARNEY	NE721045CG1200	C-8-37
ARMY	USARC LINCOLN	NE721045CG1400	C-8-37
ARMY	NORTH PLATTE USARC	NE721045CG2000	C-8-37
ARMY	OMAHA USARC/AMSA	NE721045CG2200	C-8-37
ARMY	USARC PLATTSMOUTH	NE721045CG2600	C-8-37
ARMY	MCCOOK USARC	NE721045CG2700	C-8-37
ARMY	USARC SYRACUSE	NE721045CG2800	C-8-37
ARMY	NORTH PLATTE (AMSA)	NE721045CG3800	C-8-37
ARMY	HASTINGS USARC	NE72104NE00500	C-8-37
ARMY	PVT ROBERT D BOOKER USARC	NE72104NE01500	C-8-37
ARMY	CORNHUSKER ARMY AMMUNITION PLANT	NE721382023400	C-6-110
AIR FORCE	OFFUTT AIR FORCE BASE	NE757212464800	C-6-110
AIR FORCE	LINCOLN MUNICIPAL AIRPORT	NE757282418700	C-7-34

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ARMY	USARC MANCHESTER	NH1210414K2800	C-8-39
ARMY	USARC ROCHESTER	NH121042174800	C-8-39
ARMY	GRENIER FIELD USARC	NH121042286300	C-8-39
ARMY	KEENE USARC	NH121042301500	C-8-39
ARMY	COLD REGIONS RESEARCH LABORATORY	NH121082255600	C-7-36
ARMY	HOPKINTON DAM ARNG	NH121183303500	C-8-39
AIR FORCE	PEASE AIR FORCE BASE	NH157002484700	C-6-115
AIR FORCE	NEW BOSTON AIR FORCE STATION	NH157112402300	C-6-115
AIR FORCE	PEASE AIR FORCE BASE	NH157282484700	C-7-36
NAVY	EARLE NAVAL WEAPONS STATION	NJ217002217200	C-7-36
NAVY	TRENTON NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION	NJ217002269500	C-6-117
NAVY	NAES LAKEHURST	NJ217002727400	71, C-6-117, C-8
ARMY	FORT DIX RANGE	NJ221042027500	50, B-50, C-7-36, C-8
ARMY	BRITTIN USARC	NJ221042092000	C-8-39
ARMY	STRYKER USARC, TRENTON	NJ221042099900	C-8-39
ARMY	USARC LODI	NJ221042143700	C-8-39
ARMY	STORCK USARC, NORTHFIELD	NJ221042202500	C-8-39
ARMY	USARC EDISON (WEIGEL)	NJ221042209000	C-8-39
ARMY	USARC MOUNT FREEDOM	NJ221042228900	C-8-39
ARMY	USARC CAVEN POINT	NJ221042250100	C-7-36
ARMY	SGT J.W. JOYCE KILMER USARC	NJ22104NJ00200	C-7-36
ARMY	SIEVERS-SANDBERG USARC	NJ22104NJ01300	C-8-39
ARMY	BAYONNE MILITARY OCEAN TERMINAL	NJ221352275200	C-8-39
ARMY	FORT MONMOUTH	NJ221382059700	C-6-116
ARMY	PICATINNY ARSENAL	NJ221382070400	C-6-116
ARMY	FORT DIX BRAC	NJ221402027500	C-8-39
ARMY	CAMP PEDRICKTOWN	NJ221402227000	C-8-39
ARMY	CAMP KILMER	NJ221402260600	C-7-36
ARMY	FAMILY HOUSING NIKE NY 54 HOLMDEL	NJ221403465500	C-8-39
ARMY	FAMILY HOUSING NIKE NY 60 OLD BRIDGE	NJ221403466100	C-8-39

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ARMY	FAMILY HOUSING NIKE NY 79 80 LIVINGSTON	NJ221403467900	C-8-39
ARMY	FAMILY HOUSING NIKE NY 93 94 FRANKLIN LKS	NJ221403469300	C-8-39
ARMY	FAMILY HOUSING NIKE PHILA 41 43 CLEMENTON	NJ221403474100	C-8-39
AIR FORCE	MCGUIRE AFB	NJ257182401800	73, C-6-117, C-8
AIR FORCE	GIBBSBORO AIR FORCE STATION	NJ257212547100	C-8-39
AIR FORCE	ATLANTIC CITY AIRPORT	NJ257282844900	C-7-36
AIR FORCE	WARREN GROVE WGR	NJ257282885900	C-8-39
ARMY	USARC LAS CRUCES	NM621042196900	C-8-40
ARMY	USARC ALBUQUERQUE (JENKINS)	NM621045BH0200	C-8-40
ARMY	USARC ARTESIA	NM621045BH0400	C-8-40
ARMY	USARC SILVER CITY	NM621045BH1000	C-8-40
ARMY	USARC ROSWELL	NM621045BH1900	C-8-40
ARMY	USARC ALBUQUERQUE	NM621045XH2000	C-8-40
ARMY	USARC SANTE FE	NM62104NM00700	C-8-40
ARMY	FORT WINGATE	NM621382097400	C-6-119
ARMY	WHITE SANDS MISSILE RANGE	NM621412096000	C-6-119
AIR FORCE	KIRTLAND AIR FORCE BASE	NM657182442300	40, C-6-120
AIR FORCE	HOLLOMAN AIR FORCE BASE	NM657212442200	C-6-119
AIR FORCE	CANNON AIR FORCE BASE	NM657212445400	C-7-37
AIR FORCE	MELROSE	NM657212445401	C-8-40
NAVY	FALLON NAS	NV917002217300	B-51, C-6- 113
ARMY	HAWTHORNE ARMY DEPOT	NV921382295000	C-6-113
AIR FORCE	NELLIS AIR FORCE BASE	NV957212411000	C-7-35
AIR FORCE	NELLIS AIR FORCE BASE AND TRAINING RANGE	NV957212411001	49, B-54, C-8-38
AIR FORCE	CUDDEBACK RANGE	NV957212411002	C-7-8
AIR FORCE	TONOPAH TTR	NV957212411200	C-8-38
AIR FORCE	CREECH AFB	NV957212450200	C-8-38
AIR FORCE	RENO TAHOE INTERNATIONAL AIRPORT	NV957282589800	C-7-35
NAVY	BETHPAGE NWIRP	NY217002216200	C-6-124
NAVY	BINGHAMPTON NRC	NY217002220400	C-8-42

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NAVY	WATERTOWN NRC	NY217002224700	C-7-40
NAVY	CALVERTON NWIRP	NY217002379400	71, C-6-125
NAVY	NEW YORK NS FORT WADSWORTH	NY217002426000	C-8-42
NAVY	FLOYD BENNETT FIELD NMCRRC	NY217002728400	C-8-42
NAVY	SYRACUSE MCRTC	NY217009999900	C-8-42
ARMY	FORT TILDEN	NY221002088900	C-8-41
ARMY	BELLMORE MAINTENANCE FACILITY	NY2210217M0700	C-8-41
ARMY	FORT HAMILTON	NY221022039500	C-7-40
ARMY	FORT TOTTEN	NY221022089700	C-8-41
ARMY	USARC NEWBURGH (DUPONT)	NY2210415M4800	C-8-42
ARMY	USARC SYRACUSE (ASF 6)	NY2210415MA200	C-8-42
ARMY	USARC NEWBURGH (STEWART FIELD)	NY2210417MG100	C-8-42
ARMY	USARC ELIZABETHTOWN	NY221041DM2300	C-8-42
ARMY	USARC GLENS FALLS	NY221041DM2800	C-8-42
ARMY	USARC OLEAN	NY221041DM5500	C-8-42
ARMY	USARC NIAGARA FALLS (AMSA 5)	NY221041DMZ200	C-8-42
ARMY	USARC BRONX (PATTERSON)	NY221042012400	C-8-42
ARMY	AFRC ALBANY	NY221042141200	C-8-41
ARMY	AFRC HORSEHEADS	NY221042143600	C-8-41
ARMY	USARC POUGHKEEPSIE	NY221042144200	C-8-42
ARMY	ELIHU ROOT USARC	NY221042149100	C-8-41
ARMY	ORANGEBURG USARC	NY221042158700	C-8-41
ARMY	USARC LIVERPOOL	NY221042160800	C-8-42
ARMY	AMITYVILLE USARC	NY221042161500	C-8-41
ARMY	ROOSEVELT USARC, HEMPSTEAD	NY221042174500	C-8-41
ARMY	USARC WATERTOWN	NY221042179000	C-8-42
ARMY	USARC OGDENSBURG	NY221042179100	C-8-42
ARMY	USARC MALONE	NY221042179200	C-8-42
ARMY	USARC KINGSTON	NY221042179300	C-8-42
ARMY	USARC CORNING	NY221042179400	C-8-42
ARMY	SEWARD AFRC	NY221042183600	C-8-41
ARMY	USARC PLATTSBURG	NY221042184000	C-8-42

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ARMY	USARC ITHACA	NY221042184100	C-8-42
ARMY	USARC SCHENECTADY (BRADT)	NY221042188200	C-8-42
ARMY	USARC TONAWANDA	NY221042188600	C-8-42
ARMY	CANTON USARC	NY221042206300	C-8-41
ARMY	MCGRATH USARC	NY221042206400	C-8-41
ARMY	USARC BRONX (YONKERS)	NY221042224600	C-8-42
ARMY	USARC CANANDAIGUA	NY221042231600	C-8-42
ARMY	USARC BATAVIA	NY221042242300	C-8-42
ARMY	USARC OSWEGO	NY221042243200	C-8-42
ARMY	USARC PENN YAN	NY221042248500	C-8-42
ARMY	USARC BULLVILLE	NY221042254700	C-8-42
ARMY	ROTTERDAM USARC AMSA 8	NY221042274800	C-8-41
ARMY	USARC TAPPAN	NY221042279400	C-8-42
ARMY	SKANEATELES WET SITE	NY221042300300	C-8-41
ARMY	FLOYD WETS SITE	NY221042301300	C-8-41
ARMY	USARC WEBSTER (AMSA 7G)	NY221042302200	C-8-42
ARMY	USARC GERRY	NY221042305200	C-8-42
ARMY	USARC MASSENA (ECS-1 SUBSHOP A)	NY22104NY02000	C-8-42
ARMY	ERNIE PYLE USARC/AMSA #12 (G)	NY22104NY02300	C-8-41
ARMY	AFRC FORT WADSWORTH	NY22104NY02400	C-8-41
ARMY	USARC HORSEHEADS (AMSA 2G)	NY22104NY03100	C-8-42
ARMY	USARC QUEENS	NY22104NY03300	C-8-42
ARMY	USARC AMSA 9	NY22104NY04000	C-8-42
ARMY	USARC NEWBURGH (ASF 10)	NY22104NY04300	C-8-42
ARMY	USARC WAYLAND	NY22104NY06900	C-8-42
ARMY	ROCKY POINT USARC	NY22104NY07400	C-8-41
ARMY	FARMINGDALE WETS	NY221183612000	C-8-41
ARMY	ROCHESTER CSMS & USPFO WAREHOUSE	NY221183636000	C-8-41
ARMY	NG YOUNGSTOWN TNG SITE	NY221183646500	C-8-41
ARMY	SENECA ARMY DEPOT	NY221382083000	C-6-124
ARMY	WATERVLIEET ARSENAL	NY221382094000	C-7-40
ARMY	FORT DRUM	NY221402028100	C-7-40

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ARMY	FAMILY HOUSING DRY HILL WATERTOWN	NY221403620900	C-8-41
ARMY	FAMILY HOUSING MANHATTAN BEACH	NY221403645000	C-8-41
ARMY	FAMILY HOUSING NIKE NY 1 ORANGEBURG	NY221403657000	C-8-41
ARMY	FAMILY HOUSING NIKE NY 25 BROOKHAVEN	NY221403665000	C-8-41
ARMY	FAMILY HOUSING NIKE NY 99 SPRING VALLEY	NY221403665900	C-8-41
ARMY	WEST POINT MIL RESERVATION	NY221462091500	C-6-124
ARMY	STEWART ANNEX (USMA)	NY221462283700	C-8-41
AIR FORCE	GRIFFISS AIR FORCE BASE	NY257002445100	C-6-125
AIR FORCE	PLATTSBURGH AIR FORCE BASE	NY257002477400	C-6-125
AIR FORCE	NIAGARA FALLS INTERNATIONAL AIRPORT ARS	NY257122427300	C-7-40
AIR FORCE	AIR FORCE PLANT 59	NY257172464100	B-62, C-8-42
AIR FORCE	YOUNGSTOWN	NY257172839100	C-8-42
AIR FORCE	FRANCIS S. GABRESKI (WEST HAMPTON)	NY257282424900	C-7-40
AIR FORCE	NIAGARA FALLS INTERNATIONAL AIRPORT	NY257282427300	C-8-42
AIR FORCE	ROSLYN ANGB	NY257282429600	C-8-42
AIR FORCE	HANCOCK FIELD	NY257282547500	C-7-40
AIR FORCE	SCHENECTADY AIRPORT	NY257282589700	C-7-40
AIR FORCE	STEWART INTERNATIONAL AIRPORT	NY257282888200	C-7-40
NAVY	TOLEDO NWIRP	OH017006864000	C-7-44
ARMY	USARC YOUNGSTOWN (KEFURT)	OH521042099000	C-8-46
ARMY	USARC CANTON 01	OH521042144100	C-8-45
ARMY	SCHAFFNER USARC/AMSA #3 BMA	OH521042157900	C-8-45
ARMY	USARC MANSFIELD	OH521042189900	C-8-45
ARMY	USARC PARMA (MOTE)	OH521042197900	C-8-46
ARMY	DELAWARE MEMORIAL USARC	OH521042225400	C-8-45
ARMY	TROY MEMORIAL USARC	OH521042243300	C-8-45
ARMY	LTA - MARION ENGR DEPOT EAST	OH521042253400	C-8-45
ARMY	USARC AKRON (WOODFORD)	OH521042255700	C-8-45
ARMY	USARC SHARONVILLE	OH521042265100	C-8-46
ARMY	USARC MILAN	OH521042286100	C-8-45
ARMY	1LT G. N. FAZE USARC	OH521042297600	C-8-45
ARMY	USARC MARIETTA	OH521042362800	C-8-45

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ARMY	WHITEHALL MEMORIAL USARC	OH521042380200	C-8-46
ARMY	USARC LIMA (AMSA 58 SUB 1)	OH521042380500	C-8-45
ARMY	USARC CINCINNATI (MORROW)	OH521044160400	C-8-45
ARMY	USARC COLUMBUS (300)	OH521044160500	C-8-45
ARMY	USARC FREMONT, OH	OH521044161200	C-8-45
ARMY	USARC KENTON	OH521044161400	C-8-45
ARMY	2LT GEO. F. PENNINGTON USARC	OH521044161800	C-8-45
ARMY	USARC PORTSMOUTH	OH521044162000	C-8-46
ARMY	SFC M. L. DOWNS USARC/AMSA#58	OH521044162300	C-8-45
ARMY	SSG GEORGE J. CONAWAY USARC	OH521044163200	C-8-45
ARMY	SSG JOHN H. KUNKEL USARC	OH521044163500	C-8-45
ARMY	USARC WARRENSVILLE HEIGHTS	OH521044163800	C-8-46
ARMY	USARC DAYTON (DESC)	OH521044164800	C-8-45
ARMY	USARC COLUMBUS (ASF 33)	OH5210443N3300	C-8-45
ARMY	USARC JAMESTOWN	OH521044563400	C-8-45
ARMY	WARD MEMORIAL USARC	OH521044T62900	C-8-46
ARMY	ZANESVILLE MEMORIAL USARC	OH521044T63000	C-8-46
ARMY	USARC BELLAIRE	OH521044V04000	C-8-45
ARMY	PVT WILLIAM KNIGHT USARC	OH521040H00400	C-8-45
ARMY	USARC DAYTON	OH521040H02000	C-8-45
ARMY	USARC PERRYSBURG (AMSA 72)	OH521040H05200	C-8-46
ARMY	USARC COLUMBUS (AMSA 56)	OH521040H07800	C-8-45
ARMY	USARC KINGS MILLS (AMSA 59)	OH521040H07900	C-7-44
ARMY	US ARMY JOINT SYSTEM MANUFACTURING CENTER, LIMA	OH521382051000	C-8-45
ARMY	RAVENNA ARMY AMMUNITION PLANT	OH521382073600	C-6-135
AIR FORCE	RICKENBACKER ANGB	OH557002454400	C-7-44
AIR FORCE	NEWARK AIR FORCE BASE	OH557002465000	C-7-44
AIR FORCE	YOUNGSTOWN AIR RESERVE STATION	OH557122876400	C-8-46
AIR FORCE	WRIGHT PATTERSON AIR FORCE BASE	OH557172431200	B-54, C-6-135
AIR FORCE	AIR FORCE PLANT 36	OH557172462300	C-7-44
AIR FORCE	AIR FORCE PLANT 85	OH557172887000	B-62, C-7-44

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AIR FORCE	ZANESVILLE AIR GUARD STATION	OH557272587200	C-8-46
AIR FORCE	RICKENBACKER AIR GUARD BASE	OH557282454400	C-7-44
AIR FORCE	SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT	OH557282587300	C-7-44
AIR FORCE	BLUE ASH AIR GUARD STATION	OH557282587600	C-8-46
AIR FORCE	MANSFIELD LAHM	OH557282588100	C-8-46
AIR FORCE	TOLEDO EXPRESS AIRPORT	OH557282843600	C-7-44
AIR FORCE	CAMP PERRY AIR GUARD STATION	OH557282872600	C-8-46
AIR FORCE	GENTILE AFS	OH597152435700	C-7-44
DLA	DSC COLUMBUS	OH597153922500	C-7-44
DLA	NATIONAL STOCKPILE CENTER WARREN DEPOT	OH7971500700	B-55
NAVY	BROKEN ARROW NMCRC	OK617002288600	C-7-45
ARMY	USARC OKLAHOMA CITY (KROWSE)	OK621042066600	C-8-47
ARMY	USARC CHICKASHA	OK6210450K1300	C-8-47
ARMY	USARC CLINTON	OK6210450K1400	C-8-47
ARMY	USARC DURANT	OK6210450K1500	C-8-47
ARMY	USARC ENID	OK6210450K1600	C-8-47
ARMY	USARC LAWTON	OK6210450K1800	C-8-47
ARMY	USARC MCALESTER	OK6210450K1900	C-8-47
ARMY	AFRC MIDWEST CITY	OK6210450K2200	C-8-47
ARMY	USARC OKMULGEE	OK6210450K2300	C-8-47
ARMY	USARC SHAWNEE	OK6210450K2500	C-8-47
ARMY	USARC STILLWATER	OK6210450K2600	C-8-47
ARMY	USARC TULSA (REESE)	OK6210450K2700	C-8-47
ARMY	USARC DUNCAN	OK621045HK0100	C-8-47
ARMY	USARC ADA	OK621045HK0200	C-8-47
ARMY	USARC ANTLERS	OK621045HK0300	C-8-47
ARMY	USARC ARDMORE	OK621045HK0400	C-8-47
ARMY	USARC MIAMI	OK621045HK0600	C-8-47
ARMY	USARC MUSKOGEE	OK621045HK0700	C-8-47
ARMY	AFRC BROKEN ARROW (AMSA 20)	OK621045HK0800	C-8-47
ARMY	USARC NORMAN 02	OK621045HK0900	C-8-47
ARMY	USARC STIGLER	OK621045HK1000	C-8-47

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ARMY	USARC GUYMON	OK621045OK1700	C-8-47
ARMY	USARC NORMAN	OK621045OK2000	C-8-47
ARMY	USARC TULSA 02	OK621045OK2800	C-8-47
ARMY	USARC OKLAHOMA CITY (50TH STREET)	OK621045OK3100	C-8-47
ARMY	USARC OKLAHOMA CITY (PEREZ)	OK621045XK2900	C-8-47
ARMY	USARC PONCA CITY	OK621045ZK2400	C-8-47
ARMY	USARC FORT SILL (ECS 65)	OK621040K01200	C-8-47
ARMY	CAMP GRUBER	OK621184028000	C-7-45
ARMY	FORT SILL FIELD DPW/EQD	OK621372084600	50, B-50, C-6-137
ARMY	MCALESTER ARMY AMMUNITION PLANT	OK621382295100	49, B-50, C-6-137
AIR FORCE	ALTUS AIR FORCE BASE	OK657152404500	C-6-137
AIR FORCE	VANCE AIR FORCE BASE	OK657152409500	C-6-138
AIR FORCE	TINKER AIR FORCE BASE	OK657172439100	B-54, C-6- 138
AIR FORCE	AIR FORCE PLANT 3	OK657172460400	C-8-47
AIR FORCE	TULSA INTERNATIONAL AIRPORT	OK657282588700	C-7-45
AIR FORCE	WILL ROGERS WORLD AIRPORT	OK69799F730100	C-7-45
AIR FORCE	CAMP RILEA	OR000000000003	C-7-46
NAVY	SALEM OR NMCRC	OR017002286700	C-8-48
NAVY	COOS HEAD NAV OCEAN PROCESSING FAC.	OR017002438400	C-8-48
NAVY	PORTLAND NMCRRRC	OR017002472500	C-8-48
ARMY	USARC SALEM	OR021042101400	C-8-48
ARMY	USARC EUGENE	OR021042176700	C-8-48
ARMY	USARC PORTLAND (WEST)	OR021042192400	C-8-48
ARMY	USARC MEDFORD	OR021042200600	C-8-48
ARMY	USARC PORTLAND (SOUTH)	OR021042209600	C-8-48
ARMY	USARC BEND	OR0210462M0300	C-8-48
ARMY	AFRC COOS BAY	OR0210462M0400	C-8-48
ARMY	AFRC ROSEBURG	OR0210462M2200	C-8-48
ARMY	AFRC WARRENTON	OR0210462M2600	C-8-48
ARMY	USARC PORTLAND (AIRPORT)	OR0210463M2000	C-8-48

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ARMY	USARC CORVALLIS	OR021040R00400	C-8-48
ARMY	BIAK TRAINING CENTER	OR021184190200	C-8-48
ARMY	UMATILLA CHEMICAL DEPOT	OR021382091700	C-6-140
AIR FORCE	KENO AIR FORCE STATION	OR057212521000	C-8-48
AIR FORCE	NORTH BEND	OR057282424100	C-8-48
AIR FORCE	PORTLAND INTERNATIONAL AIRPORT	OR057282426400	C-7-46
AIR FORCE	COOS HEAD AIR NATIONAL GUARD STATION	OR057282438400	C-7-46
AIR FORCE	KLAMATH FALLS IAP (KINGSLEY FIELD)	OR057282889700	C-7-46
AIR FORCE	KINGSLEY AIR FORCE STATION	OR057282889701	C-8-61
NAVY	MECHANICSBURG NAVAL INVENTORY CONTROL POINT FORMERLY MECHANICSBURG SHIPS' PARTS CONTROL CENTER	PA317002210400	C-7-46
NAVY	PHILADELPHIA NS	PA317002219800	C-7-46
NAVY	PHILADELPHIA NAVAL COMPLEX	PA317002219800, PA317002241800, PA317002775600	C-7-46, C-8-51
NAVY	WILLOW GROVE NAS	PA317002231200	71, C-7-46
NAVY	PHILADELPHIA NSY	PA317002241800	C-8-51
NAVY	WARMINSTER NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION	PA317002454500	C-6-143
NAVY	PHILADELPHIA NSWC-CD	PA317002468900	C-7-46
NAVY	PHILADELPHIA ASO	PA317002724600	C-7-46
NAVY	PHILADELPHIA NAVHOSP	PA317002775600	C-8-51
NAVY	WYOMING MCRC	PA317302756600	C-7-46
ARMY	HAYS AAP	PA321002281200	C-8-49
ARMY	USARC NEW CUMBERLAND	PA3210412N4700	C-8-50
ARMY	USARC RANSHAW	PA3210412N6200	C-8-50
ARMY	USARC MARCUS HOOK	PA3210415NS100	C-8-50
ARMY	AFRC BEAVER FALLS	PA3210416N0600	C-8-49
ARMY	USARC BELLE VERNON	PA3210416N1000	C-8-50
ARMY	USARC BUTLER	PA3210416N1400	C-8-50
ARMY	USARC CLARION	PA3210416N1800	C-8-50
ARMY	AFRC ERIE	PA3210416N2400	C-8-49
ARMY	USARC ERIE	PA3210416N2500	C-8-50

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ARMY	USARC FRANKLIN	PA3210416N2800	C-8-50
ARMY	USARC KANE	PA3210416N3600	C-8-50
ARMY	USARC JOHNSTON 01	PA3210416N3900	C-8-50
ARMY	USARC KITTANNING	PA3210416N4000	C-8-50
ARMY	USARC MEADVILLE	PA3210416N4500	C-8-50
ARMY	USARC NEW KENSINGTON	PA3210416N4800	C-8-50
ARMY	USARC OIL CITY	PA3210416N5200	C-8-50
ARMY	USARC PITTSBURGH 01	PA3210416N5800	C-8-50
ARMY	USARC WASHINGTON, PA	PA3210416N7300	C-8-51
ARMY	USARC GREENSBURG (AMSA 104)	PA3210416NG300	C-8-50
ARMY	USARC NEW CASTLE (AMSA 110)	PA3210416NG400	C-8-50
ARMY	USARC GREENCASTLE (AMSA 113)	PA321042038300	C-8-50
ARMY	AFRC PHILADELPHIA 06	PA321042071000	C-8-49
ARMY	USARC SCRANTON	PA321042081200	C-8-50
ARMY	USARC HARRISBURG	PA321042141600	C-8-50
ARMY	EDGEMONT USARC	PA321042146500	C-8-49
ARMY	USARC WILKES-BARRE	PA321042149000	C-8-51
ARMY	USARC UNIONTOWN	PA321042156600	C-8-51
ARMY	USARC NORRISTOWN	PA321042156700	C-8-50
ARMY	USARC GERMANTOWN	PA321042156800	C-8-50
ARMY	USARC LANCASTER	PA321042172300	C-8-50
ARMY	USARC HAZELTON	PA321042178700	C-8-50
ARMY	USARC GREENSBURG	PA321042185400	C-8-50
ARMY	USARC CHAMBERSBURG	PA321042188500	C-8-50
ARMY	USARC YORK	PA321042197200	C-8-51
ARMY	USARC ALTOONA	PA321042200900	C-8-50
ARMY	USARC FARRELL	PA321042201100	C-8-50
ARMY	USARC SCHUYLKILL HAVEN	PA321042202900	C-8-50
ARMY	AFRC BELLEFONTE	PA321042206800	C-8-49
ARMY	USARC HORSHAM 01	PA321042208200	C-8-50
ARMY	USARC DU BOIS	PA321042213400	C-8-50
ARMY	USARC CLEARFIELD	PA321042226600	C-8-50

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ARMY	USARC INDIANA	PA321042226700	C-8-50
ARMY	USARC ST MARY'S	PA321042226900	C-8-50
ARMY	USARC WILLIAMSPORT	PA321042227600	C-8-51
ARMY	KELLY SUPPORT FACILITY	PA321042234400	C-8-49
ARMY	USARC GETTYSBURG	PA321042246400	C-8-50
ARMY	USARC BROWNSVILLE, PA	PA321042257800	C-8-50
ARMY	USARC STATE COLLEGE	PA321042257900	C-8-51
ARMY	USARC BLOOMSBURG	PA321042267400	C-8-50
ARMY	BRISTOL VETERANS USARC	PA321042287000	C-8-49
ARMY	NORTH PENN USARC	PA321042289900	C-8-49
ARMY	USARC JOHNSTON 02	PA321042299800	C-8-50
ARMY	AMSA 112 LOCK HAVEN	PA321042302600	C-8-49
ARMY	USARC LEWISBURG	PA321042306400	C-8-50
ARMY	USARC LEWISTOWN	PA321042306500	C-8-50
ARMY	AMSA 29 READING	PA321042306600	C-8-49
ARMY	USARC HUNTINGDON	PA321042362900	C-8-50
ARMY	USARC NORTH PARK	PA321042381400	C-8-50
ARMY	USARC PUNXSUTAWNEY (AMSA 106)	PA321042382200	C-8-50
ARMY	USARC WILKES-BARRE (AMSA 32G)	PA321042382300	C-8-51
ARMY	USARC ASHLEY	PA32104412N100	C-8-50
ARMY	USARC BETHLEHEM	PA32104PA00800	C-8-50
ARMY	USARC BROOKVILLE	PA32104PA01100	C-8-50
ARMY	USARC DOWNINGTOWN	PA32104PA01900	C-8-50
ARMY	AFRC FOLSOM	PA32104PA02800	C-8-49
ARMY	USARC HORSHAM 02	PA32104PA04700	C-8-50
ARMY	USARC NORTHEAST PHILADELPHIA	PA32104PA07500	C-8-50
ARMY	USARC PITTSBURGH 02	PA32104PA07800	C-8-50
ARMY	USARC PITTSBURGH 03	PA32104PA07900	C-8-50
ARMY	USARC QUAKERTOWN	PA32104PA08300	C-8-50
ARMY	USARC STOCKERTOWN	PA32104PA09200	C-8-51
ARMY	USARC TOBYHANNA	PA32104PA09400	C-8-51
ARMY	MG WURTS USARC	PA32104PA13700	C-8-49

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ARMY	USARC WILLOW GROVE	PA32104PA14400	C-8-51
ARMY	FORT INDIANTOWN GAP TRAINING SITE	PA321184230700	C-6-143
ARMY	CARLISLE BARRACKS	PA321372014500	C-8-49
ARMY	LETTERKENNY ARMY DEPOT	PA321382050300	C-6-143, C-7
ARMY	TOBYHANNA ARMY DEPOT	PA321382089200	C-7-46
ARMY	SCRANTON ARMY AMMUNITION PLANT	PA321382151000	C-8-50
ARMY	FORT INDIANTOWN GAP	PA321402044400	C-8-49
ARMY	FAMILY HOUSING PITTSBURGH 43	PA321402155900	C-8-49
ARMY	CHARLES E KELLY SUPPORT FACILITY BRAC	PA321402234400	C-8-49
ARMY	TACONY WAREHOUSE	PA321402279200	C-8-50
ARMY	FAMILY HOUSING 36 IRWIN SPT DET ANNEX	PA321404231000	C-8-49
ARMY	FAMILY HOUSING PITT 2	PA321404250100	C-8-49
ARMY	FAMILY HOUSING PITT 3 NIKE	PA321404250300	C-8-49
ARMY	FAMILY HOUSING PITT 25 MONROEVILLE	PA321404252500	C-8-49
ARMY	FAMILY HOUSING PITT 37	PA321404253700	C-8-49
ARMY	FAMILY HOUSING PITT 42 NIKE	PA321404254200	C-8-49
ARMY	FAMILY HOUSING PITT 52 NIKE	PA321404255200	C-8-49
ARMY	FAMILY HOUSING CORAOPOLIS SITE 71	PA321404257100	C-8-49
ARMY	FAMILY HOUSING CORAOPOLIS SITE 72	PA321404257200	C-8-49
ARMY	IRWIN SUPPORT DETACHMENT MANOR ANNEX	PA32140PA04200	C-8-49
AIR FORCE	PITTSBURGH MUNICIPAL AIRPORT	PA357122428900	C-8-51
AIR FORCE	WILLOW GROVE AIR FORCE RESERVE	PA357122534900	71, C-7-46, C-8-51
AIR FORCE	WILLOW GROVE ARS	PA357282534900	C-8-51
AIR FORCE	STATE COLLEGE AIR GUARD STATION	PA357282627300	C-8-51
AIR FORCE	PITTSBURGH INTERNATIONAL AIRPORT	PA357282846900	C-8-51
AIR FORCE	FORT INDIANTOWN GAP	PA357282882400	C-8-51
AIR FORCE	HARRISBURG INTERNATIONAL AIRPORT	PA357282882500	C-7-46
DLA	DD SUSQUEHANNA, NEW CUMBERLAND FAC.	PA397152064200	C-7-46
DLA	DEFENSE SUPPLY CENTER PHILADELPHIA FORMERLY DEFENSE PERSONNEL SUPPORT CENTER	PA397154266500	B-62, C-7-46
DLA	DEFENSE DISTRIBUTION DEPOT OF SUSQUEHANNA PA	PA39799F144900	B-55, C-6-175

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NAVY	SAN JUAN SUPSHIP	PR217002733900	C-7-47
NAVY	SABANA SECA NSGA	PR217002753500	C-7-47
NAVY	ROOSEVELT ROADS NS	PR217002758200	C-7-47
NAVY	NAVAL ACTIVITY PUERTO RICO	PR217002758200, PR217004000300	C-6-145, C-7-47
NAVY	VIEQUES PUERTO RICO NASD	PR217003172000	C-6-146
NAVY	NAVAL FACILITIES ON VIEQUES FORMERLY VIEQUES NAVAL TRAINING RANGE AND NAVAL AMMUNITION SUPPORT	PR217003172000, PR217006932100, PR217300007400	C-6-145, C-6-146
NAVY	PUERTO RICO NAVACT	PR217004000300	C-6-145
NAVY	VIEQUES EAST	PR217006932100	C-6-145
NAVY	ROOSEVELT ROADS CAMP GARCIA	PR217300007400	C-6-145
ARMY	FORT ALLEN	PR221184307700	C-8-52
ARMY	MTA CAMP SANTIAGO RQ 577	PR221184310000	C-8-52
ARMY	FORT BUCHANAN	PR22140RQ32700	C-7-47
AIR FORCE	PUERTO RICO (SAN JUAN) MUNIZ IAP	PR257282962400	C-7-47
AIR FORCE	PUNTA SALINAS AIR GUARD STATION	PR257289999800	C-7-47
NAVY	DAVISVILLE NCBC	RI117002203600	C-6-148
NAVY	NAVAL STATION NEWPORT FORMERLY NEWPORT NAVAL EDUCATION AND TRAINING CENTER	RI117002424300	C-6-148
NAVY	FISHERS ISLAND NUSC	RI117002754900	C-8-52
ARMY	QUINTA-GAMELIN USARC	RI121041AP0700	C-7-48
ARMY	USARC CRANSTON	RI121041AP1500	C-8-52
ARMY	USARC FORT NATHANIEL GREENE	RI121041AP2200	C-8-52
ARMY	USARC PROVIDENCE (HARWOOD)	RI121041AP3000	C-8-52
ARMY	AFRC PROVIDENCE (HOPKINS)	RI121041AP4100	C-8-52
ARMY	USARC WARWICK	RI121041AP5200	C-8-52
ARMY	LINCOLN AMSA 68	RI121042185100	C-7-48
ARMY	NORTH SMITHFIELD ARNG	RI121184405500	C-8-52
ARMY	FAMILY HOUSING DAVISVILLE	RI121404401000	C-8-52
ARMY	FAMILY HOUSING NORTH SMITHFIELD 99	RI121404439900	C-8-52
AIR FORCE	NORTH SMITHFIELD ANGS	RI157282859900	C-8-52
AIR FORCE	QUONSET STATE AIRPORT	RI157282882600	C-7-48
NAVY	CHARLESTON NSY	SC417002256000	C-7-49

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NAVY	CHARLESTON NAVAL COMPLEX	SC417002256000, SC417002267000, SC417002425800, SC417002434300, SC417002757100	C-7-49
NAVY	CHARLESTON NWS	SC417002262000	C-6-150, C-8
NAVY	CHARLESTON NRC	SC417002267000	C-7-49
NAVY	CHARLESTON NS	SC417002425800	C-7-49
NAVY	CHARLESTON FISC	SC417002434300	C-7-49
NAVY	CHARLESTON FMWTC	SC417002757100	C-7-49
NAVY	PARRIS ISLAND MARINE CORPS RECRUIT DEPOT	SC417302276300	B-53, C-6-150
MARINE CORPS	PARRIS ISLAND RANGE	SC417302276300	B-53
NAVY	BEAUFORT MCAS	SC417302320900	C-6-150
ARMY	USARC CHARLESTON	SC421042018800	C-8-53
ARMY	USARC GREENVILLE 01 (MAHON)	SC421042083600	C-8-53
ARMY	USARC ROCK HILL	SC421042154300	C-8-53
ARMY	USARC GREENVILLE 02 (KUKOWSKI)	SC421042288500	C-8-53
ARMY	USARC AIKEN	SC421042800300	C-8-53
ARMY	USARC ANDERSON	SC421042800800	C-8-53
ARMY	USARC FORT JACKSON (LEE RD)	SC421042802500	C-8-53
ARMY	USARC FLORENCE	SC421042803200	C-8-53
ARMY	USARC ORANGEBURG	SC421042804400	C-8-53
ARMY	USARC YORK, SC	SC421042806600	C-8-53
ARMY	USARC MYRTLE BEACH	SC421042806700	C-8-53
ARMY	USARC SPARTANBURG	SC42104280A100	C-8-53
ARMY	USARC FORT JACKSON (ECS 124-G)	SC42104280G100	C-8-53
ARMY	USARC CLEMSON	SC421042EQ2000	C-8-53
ARMY	USARC FORT JACKSON (MCWHORTER)	SC421042EQ3000	C-8-53
ARMY	USARC COLUMBIA (FOREST DRIVE)	SC42104SC00500	C-8-53
ARMY	USARC COLUMBIA 02	SC42104SC00600	C-8-53
ARMY	LEESBURG TRAINING SITE	SC4211845C7000	C-8-53
ARMY	FORT JACKSON	SC421372044900	C-7-49
AIR FORCE	MYRTLE BEACH AIR FORCE BASE	SC457002482100	C-6-151

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AIR FORCE	CHARLESTON AIR FORCE BASE	SC457182446000	C-7-49, C-8
AIR FORCE	SHAW AIR FORCE BASE	SC457212446600	C-6-151
AIR FORCE	POINSETT	SC457212446601	C-7-49
AIR FORCE	MCENTIRE AIR GUARD BASE	SC457282516000	C-7-49
ARMY	USARC SIOUX FALLS	SD821042225700	C-8-54
ARMY	USARC ABERDEEN	SD821042230900	C-8-54
AIR FORCE	ELLSWORTH AIR FORCE BASE	SD857212464400	C-7-50
AIR FORCE	BADLANDS BOMBING RANGE	SD857212464401	C-7-50
AIR FORCE	JOE FOSS FIELD	SD857282588800	C-8-54
NAVY	MEMPHIS NAS	TN417002260000	C-6-155, C-7
NAVY	KNOXVILLE NMCRC	TN417002271000	C-7-50
NAVY	BRISTOL NWIRP	TN417002406200	C-8-55
ARMY	USARC OAK RIDGE	TN421042188400	C-8-55
ARMY	USARC GREENEVILLE	TN421042189200	C-8-55
ARMY	USARC LYELL (AFRC)	TN421042JR5000	C-8-55
ARMY	USARC NASHVILLE	TN421042JR5100	C-8-55
ARMY	USARC CHATTANOOGA	TN42104TN00100	C-8-55
ARMY	USARC CHATTANOOGA (GUERRY)	TN42104TN00200	C-8-55
ARMY	AFRC JOHNSON CITY	TN42104TN00700	C-8-55
ARMY	USARC KNOXVILLE	TN42104TN00900	C-8-55
ARMY	USARC MEMPHIS 02	TN42104TN01100	C-8-55
ARMY	USARC MEMPHIS 01	TN42104TN01200	C-8-55
ARMY	GRUBBS/KYLE TRAINING CENTER	TN421184734000	C-8-55
ARMY	HOLSTON ARMY AMMUNITION PLANT	TN421382042100	C-7-50
ARMY	MILAN ARMY AMMUNITION PLANT	TN421382058200	C-6-155
ARMY	VOLUNTEER ARMY AMMUNITION PLANT	TN421382093300	C-6-155
AIR FORCE	ARNOLD AIR FORCE BASE	TN457172404400	B-54, C-6-156
AIR FORCE	MCGHEE-TYSON AIRPORT (KNOXVILLE)	TN457282419600	C-7-50
AIR FORCE	MEMPHIS INTERNATIONAL AIRPORT	TN457282430700	C-7-50
AIR FORCE	LOVELL FIELD	TN457282588900	C-7-50
AIR FORCE	NASHVILLE METRO AIRPORT	TN457282589000	C-7-50
DLA	DEFENSE DISTRIBUTION DEPOT MEMPHIS	TN497152057000	C-6-156

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NAVY	DALLAS NWIRP	TX617002277000	C-6-159
NAVY	DALLAS NAVAL AIR STATION	TX617002278600	C-7-51
NAVY	NAVAL AIR STATION CORPUS CHRISTI	TX617002278700	B-51, C-6-159
NAVY	LUBBOCK NMCRC	TX617002286600	C-7-51
NAVY	MCGREGOR NWIRP	TX617002470800	C-6-159
NAVY	CHASE FIELD NAS	TX617002473800	C-8-56
NAVY	KINGSVILLE NAS	TX617002476100	C-7-51
ARMY	TARDEC FUELS AND LUBRICANT RESEARCH FACILITY	TX621002187200	C-8-55
ARMY	USARC AUSTIN (CAMP MABRY)	TX621042005300	C-8-55
ARMY	USARC BEAUMONT (AMSA 6)	TX621042007500	C-8-55
ARMY	USARC DALLAS 02	TX621042147400	C-8-55
ARMY	USARC LUBBOCK	TX621042147500	C-8-56
ARMY	USARC HUNTSVILLE	TX621042147600	C-8-56
ARMY	USARC DALLAS 01 (MUCHERT)	TX621042154500	C-8-55
ARMY	USARC LAREDO	TX621042175800	C-8-56
ARMY	USARC AMARILLO	TX621042178500	C-8-55
ARMY	USARC EL PASO	TX621042188100	C-8-56
ARMY	USARC TEXARKANA (AMSA 5 SUB 4)	TX621042197300	C-8-56
ARMY	USARC ABILENE	TX621042197400	C-8-55
ARMY	USARC ALICE	TX621042203300	C-8-55
ARMY	USARC HARLINGEN (AMSA 7 SUB 1)	TX621042203400	C-8-56
ARMY	USARC MCALLEN	TX621042203600	C-8-56
ARMY	USARC CORPUS CHRISTI (MEMORIAL)	TX621042207800	C-8-55
ARMY	USARC RIO GRANDE CITY	TX621042232700	C-8-56
ARMY	USARC YOAKUM	TX621042245600	C-8-56
ARMY	USARC PARIS	TX621042247600	C-8-56
ARMY	USARC SAN MARCOS	TX621042248000	C-8-56
ARMY	USARC SINTON	TX621042249200	C-8-56
ARMY	USARC BROWNSVILLE	TX621042249400	C-8-55
ARMY	AFRC MESQUITE	TX621042252600	C-8-55
ARMY	USARC SAN ANTONIO (BOSWELL)	TX621042259900	C-8-56

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ARMY	USARC PASADENA	TX621042263100	C-8-56
ARMY	USARC VICTORIA	TX621042270700	C-8-56
ARMY	AFRC MIDLAND	TX621042298900	C-8-55
ARMY	USARC HOUSTON 02 (AMSA 4)	TX621042306200	C-8-56
ARMY	USARC CONROE (ASF 62)	TX621042368600	C-8-55
ARMY	USARC TYLER	TX621042383900	C-8-56
ARMY	USARC DALLAS 03	TX6210420T4600	C-8-55
ARMY	USARC AUSTIN 03	TX621045BT0900	C-8-55
ARMY	USARC DENTON	TX621045BT1200	C-8-56
ARMY	USARC GRAND PRAIRIE (ASF 13)	TX621045BT1500	C-8-56
ARMY	USARC ARLINGTON	TX621045BT1600	C-8-55
ARMY	USARC PORT ARTHUR	TX621045BT2500	C-8-56
ARMY	USARC FORT WORTH (HOT)	TX621045BT3700	C-8-56
ARMY	USARC FORT BLISS (BIGGS FIELD PET)	TX621045BT4000	C-8-56
ARMY	USARC NORTH FORT HOOD (ESC 64)	TX621045BT4100	C-8-56
ARMY	USARC FORT WORTH 02	TX6210450T1300	C-8-56
ARMY	USARC AMARILLO 02	TX6210450T4800	C-8-55
ARMY	USARC BRYAN 02	TX621045VT4400	C-8-55
ARMY	USARC BRYAN (MOORE)	TX621045VT5100	C-8-55
ARMY	USARC LUBBOCK (HOSPITAL TNG)	TX621045XT6400	C-8-56
ARMY	USARC SEAGOVILLE	TX621045XT7200	C-8-56
ARMY	USARC AUSTIN 02	TX62104TX00900	C-8-55
ARMY	USARC BAY CITY, TX	TX62104TX01000	C-8-55
ARMY	AFRC CORPUS CHRISTI (AMSA 7)	TX62104TX02000	C-8-55
ARMY	USARC FORT BLISS (AMSA 12)	TX62104TX02900	C-8-56
ARMY	USARC FORT WORTH (AMSA 5, SUB 2)	TX62104TX03500	C-8-56
ARMY	USARC LUBBOCK (AMSA 11)	TX62104TX04800	C-8-56
ARMY	USARC SAN ANTONIO (CALLAGHAN)	TX62104TX06400	C-8-56
ARMY	WICHITA FALLS USARC	TX62104TX07700	C-8-56
ARMY	USARC WACO (AMSA 8)	TX62104TX08900	C-8-56
ARMY	CAMP BULLIS	TX621162013300	C-7-51
ARMY	FORT SAM HOUSTON	TX621162042900	C-7-51, C-8

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ARMY	CANYON LAKE RECREATION AREA	TX621162280900	C-8-55
ARMY	BEE CAVES ARMORY	TX621184805500	C-8-55
ARMY	CAMP SWIFT MILITARY RESERVATION	TX621184807000	C-8-55
ARMY	FORT JACOB F WOLTERS	TX621184855500	C-8-55
ARMY	SAGINAW	TX621184865200	C-7-51
ARMY	CAMP BOWIE (STATE)	TX6211848B3500	C-8-55
ARMY	FORT BLISS	TX621372010100	50, B-50, C-6-158
ARMY	LONGHORN ARMY AMMUNITION PLANT	TX621382052900	C-6-158
ARMY	RED RIVER ARMY DEPOT	TX621382073800	49, B-50, C-6-158, C-7-51
ARMY	LONE STAR ARMY AMMUNITION PLANT	TX621382183100	C-7-51
ARMY	FORT HOOD	TX621402042400	C-7-51
ARMY	FORT HOOD RANGE	TX621402042400	49, B-50
AIR FORCE	CARSWELL AFB	TX657002404200	71, C-8-56
AIR FORCE	BERGSTROM AIR FORCE BASE	TX657002418800	C-7-51
AIR FORCE	GOODFELLOW AIR FORCE BASE	TX657152407100	C-7-51
AIR FORCE	REESE AIR FORCE BASE	TX657152409100	C-7-51
AIR FORCE	LAUGHLIN AIR FORCE BASE	TX657152410500	C-7-51
AIR FORCE	RANDOLPH AIR FORCE BASE	TX657152411700	C-7-51, C-8
AIR FORCE	LACKLAND AIR FORCE BASE	TX657152412900	C-6-160, C-8
AIR FORCE	SHEPPARD AIR FORCE BASE	TX657152416100	C-7-51
AIR FORCE	BROOKS CITY BASE	TX657172430300	C-6-160, C-7-51
AIR FORCE	KELLY AFB	TX657172433300	C-6-160
AIR FORCE	AIR FORCE PLANT 4	TX657172460500	71, B-54, C-6-160
AIR FORCE	DYESS AIR FORCE BASE	TX657212464300	C-7-51
AIR FORCE	ELLINGTON FIELD (HOUSTON)	TX657282406700	C-7-51
AIR FORCE	GARLAND AIR NATIONAL GUARD STATION	TX657282588300	C-8-56
AIR FORCE	LAPORTE AIR NATIONAL GUARD STATION	TX657282588400	C-8-56
AIR FORCE	NEDERLAND AIR NATIONAL GUARD COMM	TX657282591500	C-8-56
NAVY	MAGNA NIROP	UT817002727700	C-8-58

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ARMY	USARC LOGAN	UT821042099700	C-8-58
ARMY	USARC OGDEN	UT821042172000	C-8-58
ARMY	USARC SALT LAKE CITY	UT821042195000	C-8-58
ARMY	USARC PLEASANT GROVE	UT821042252300	C-8-58
ARMY	USARC OGDEN DEPOT	UT821042300400	C-8-58
ARMY	USARC PROVO	UT821046FP1000	C-8-58
ARMY	USARC OGDEN (AMSA 31)	UT82104UT00500	C-8-58
ARMY	USARC SALT LAKE CITY (ASF 24)	UT82104UT01100	C-8-58
ARMY	MTA-L CAMP WILLIAMS WEST FED	UT8211849A6000	C-6-168
ARMY	DESERET CHEMICAL DEPOT	UT821382026500	C-6-167
ARMY	TOOELE ARMY DEPOT	UT821382089400	C-6-168, C-7
ARMY	FORT DOUGLAS	UT821402027800	C-8-58
ARMY	DUGWAY PROVING GROUND	UT821412028300	C-6-167
ARMY	GREEN RIVER TEST SITE	UT821412263800	C-8-58
AIR FORCE	HILL AIR FORCE BASE	UT857172435000	B-54, C-6-168
AIR FORCE	SALT LAKE CITY INTERNATIONAL AIRPORT	UT857282592700	C-7-55
AIR FORCE	CAMP PENDLETON MIL RESERVATION	VA000000000002	C-7-56
NAVY	LITTLE CREEK NAB	VA317002248200	B-51, C-6-173, C-8
NAVY	DRIVER NAVRADSTA	VA317002251600	C-8-60
NAVY	DAM NECK FCTC	VA317002293900	C-8-60
NAVY	YORKTOWN NAVAL WEAPONS STATION	VA317002417000	C-6-175
NAVY	WILLIAMSBURG FISC, CHEATHAM ANNEX	VA317002460500	C-6-174
NAVY	OCEANA NAS	VA317002460600	C-6-173
NAVY	DAHLGREN NSWC	VA317002468500	C-6-172
NAVY	NORFOLK NAVAL SHIPYARD	VA317002481300	B-51, C-7-56
NAVY	PORTSMOUTH NAVMEDCTR	VA317002481800	C-8-60
NAVY	CHESAPEAKE NSGA NWEST	VA317002726600	C-7-56
NAVY	NORFOLK NAVAL BASE SEWELLS POINT NAVAL COMPLEX	VA317002741400	C-6-173
NAVY	ARLINGTON SERVICE CENTER	VA317002755800	C-8-60

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NAVY	ST. JULIENS CREEK ANNEX	VA317002758100	C-6-174
NAVY	CRANEY ISLAND FISC	VA317002758600	C-7-56
NAVY	ARLINGTON HEADQUARTERS BATTALION	VA317302413500	C-7-56
NAVY	MARINE CORPS BASE QUANTICO	VA317302472200	C-6-174
ARMY	ARLINGTON HALL STATION	VA321002003100	C-8-59
ARMY	FORT BELVOIR	VA321022008200	C-6-171
ARMY	CAMERON STATION	VA321022013900	C-7-56
ARMY	FORT A P HILL	VA321022041600	C-7-56
ARMY	FORT MYER	VA321022062600	C-8
ARMY	DEFENSE MAPPING AGENCY - HERNDON	VA321022135400	C-8-59
ARMY	FAMILY HOUSING WOODBRIDGE	VA321025195400	C-8-59
ARMY	USARC CHARLOTTESVILLE	VA321041CS1000	C-8-59
ARMY	USARC GALAX	VA321041CS2800	C-8-59
ARMY	AFRC LYNCHBURG	VA321041CS3500	C-8-59
ARMY	USARC MARTINSVILLE	VA321041CS4000	C-8-59
ARMY	USARC CHURCHLAND (PORTSMOUTH)	VA321041CS4800	C-8-59
ARMY	USARC WARSAW	VA321041CS6800	C-8-60
ARMY	USARC WAYNESBORO	VA321041CS7000	C-8-60
ARMY	USARC CHRISTIANSBURG (AMSA 89)	VA321041CSG200	C-8-59
ARMY	USARC CHESTERFIELD (AMSA 90)	VA321041CSG300	C-8-59
ARMY	USARC ALEXANDRIA (JONES POINT)	VA321041JS0400	C-8-59
ARMY	USARC NORFOLK	VA321042065500	C-8-59
ARMY	USARC HAMPTON (MARCELLA ROAD)	VA321042140800	C-8-59
ARMY	USARC RICHMOND 01 (MONTEITH)	VA321042176900	C-8-59
ARMY	USARC SALEM, VA	VA321042177000	C-8-60
ARMY	USARC ABINGDON	VA321042192200	C-8-59
ARMY	USARC COVINGTON	VA321042192300	C-8-59
ARMY	USARC ALEXANDRIA	VA321042244100	C-8-59
ARMY	USARC RADFORD (NEW RIVER)	VA321042253000	C-8-59
ARMY	USARC CHINCOTEAGUE (WALLOPS IS)	VA321042254300	C-8-59
ARMY	USARC RICHMOND (DERVISHIAN)	VA321042291600	C-8-59

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ARMY	USARC SPRINGFIELD (AMSA 91)	VA32104VA01900	C-8-60
ARMY	USARC HAMPTON	VA32104VA03500	C-8-59
ARMY	VIRGINIA AVIATION SUPPORT FACILITY	VA321185123000	C-8-60
ARMY	CAMP PENDLETON SMR	VA321185141900	C-8-59
ARMY	FORT PICKETT ARNG MTC	VA321185154100	C-8-59
ARMY	FORT EUSTIS	VA321372032100	C-6-171, C-8
ARMY	FORT LEE	VA321372050200	C-6-171
ARMY	FORT MONROE	VA321372060300	C-6-172
ARMY	FORT STORY	VA321372087500	C-7-56, C-8
ARMY	FAMILY HOUSING NIKE NORFOLK 85	VA321375147000	C-8-59
ARMY	RADFORD ARMY AMMUNITION PLANT	VA321382073000	49, 50, B-50, C-6-172
ARMY	VINT HILL FARMS STATION	VA321382093100	C-7-56
ARMY	ARMY RESEARCH LABORATORY-WOODBRIDGE	VA321382098100	C-8-59
ARMY	FAMILY HOUSING MANASSAS	VA321385132500	C-8-59
ARMY	FORT PICKETT	VA321402070500	C-8-59
AIR FORCE	LANGLEY AIR FORCE BASE	VA357212447700	C-7-56, C-8
AIR FORCE	RICHMOND IAP BYRD FIELD	VA357282490400	C-7-56
DLA	DEFENSE SUPPLY CENTER RICHMOND	VA397152075100	B-55, C-6-175
AIR FORCE	VIRGIN ISLAND (ST CROIX)	VI000000000007	C-7-56
ARMY	USARC MONTPELIER	VT121041AT1600	C-8-58
ARMY	USARC RUTLAND (COURCELLE)	VT121041AT2000	C-8-58
ARMY	CHESTER USARC	VT121042174600	C-8-58
ARMY	ETHAN ALLEN FIRING RANGE	VT121182271800	C-8-58
ARMY	TS CAMP JOHNSON	VT1211850A2500	C-8-58
AIR FORCE	BURLINGTON INTERNATIONAL AIRPORT	VT157282429400	C-6-170
NAVY	JIM CREEK NAVRADSTA	WA017002248900	C-7-57
NAVY	EVERETT NRC	WA017002297900	C-8-61
NAVY	WHIDBEY ISLAND NAS	WA017002336100	C-6-180
NAVY	SEATTLE NAVRESREDNEN	WA017002341200	C-8-61
NAVY	SPOKANE NMCRC	WA017002341400	C-7-57
NAVY	TACOMA NMCRC	WA017002341500	C-8-61

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NAVY	PUGET SOUND NSY	WA017002341800	C-6-179
NAVY	PUGET SOUND NAVAL SHIPYARD	WA017002341800, WA017002342600, WA017002726800	C-6-179, C-7-57
NAVY	KEYPORT NUWC	WA017002341900	C-7-57
NAVY	PUGET SOUND FISC BREMERTON	WA017002342600	C-7-57
NAVY	PSNS & IMF BREMERTON SITE & NAVAL BASE KITSAP	WA017002342600	B-51
NAVY	PUGET SOUND NS	WA017002343000	C-7-57
NAVY	PUGET SOUND NAVHOSP BREMERTON	WA017002726800	C-7-57
NAVY	BANGOR NAVAL SUBMARINE BASE	WA017002729100	C-6-179
NAVY	PUGET SOUND NS EVERETT	WA017002754800	C-7-57
NAVY	PUGET SOUND FISC MANCHESTER	WA017002756000	C-7-57
NAVY	PORT HADLOCK NOC PAC DIV DET	WA017002756800	C-7-57
ARMY	COL EDITH M. NUTTAL USARC	WA021042090500	C-8-61
ARMY	USARC REDMOND	WA021042140200	C-8-61
ARMY	USARC SPOKANE	WA021042201800	C-8-61
ARMY	AFRC BELLINGHAM (STEVENS)	WA0210462Q0500	C-8-61
ARMY	USARC BOTHELL	WA0210462Q0600	C-8-61
ARMY	AFRC ELLENSBURG	WA0210462Q0700	C-8-61
ARMY	USARC LONGVIEW	WA0210462Q1200	C-8-61
ARMY	USARC MOSES LAKE	WA0210462Q1400	C-8-61
ARMY	USARC PASCO	WA0210462Q1600	C-8-61
ARMY	AFRC PORT ORCHARD	WA0210462Q1800	C-8-61
ARMY	USARC WALLA WALLA	WA0210462Q5500	C-8-61
ARMY	AFRC YAKIMA	WA0210462Q5800	C-8-61
ARMY	USARC CLARKSTON	WA021046GQ0300	C-8-61
ARMY	USARC EVERETT	WA021046GQ0900	C-8-61
ARMY	USARC KENNEWICK	WA021046GQ1500	C-8-61
ARMY	AFRC TACOMA	WA021046GQ4400	C-8-61
ARMY	USARC WENATCHEE	WA021046GQ5600	C-8-61
ARMY	USARC TRENTWOOD (AMSA 8)	WA021046GQ7800	C-8-61
ARMY	FORT LAWTON USAR COMPLEX	WA02104WA01300	C-7-57

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ARMY	USARC YAKIMA (PENDLETON)	WA02104WA04500	C-8-61
ARMY	AMSA 137	WA02104WA07900	C-7-57
ARMY	KENT NATIONAL GUARD FACILITY	WA021182441000	C-8-61
ARMY	RUSTON WAY PROPERTY	WA021185300000	C-8-61
ARMY	REDMOND ARNG FACILITY	WA021185312000	C-8-61
ARMY	CAMP MURRAY	WA021185355500	C-7-57
ARMY	CAMP BONNEVILLE	WA021402011200	C-7-57
ARMY	FORT LEWIS	WA021402050600	C-6-179, C-8
ARMY	VANCOUVER BARRACKS	WA021402092400	C-7-57
ARMY	YAKIMA TRAINING CENTER	WA021402098900	C-8-61
ARMY	FAMILY HOUSING SEATTLE NIKE 32 33	WA021405373300	C-8-61
ARMY	FAMILY HOUSING NIKE SEATTLE 43 MIDWAY	WA021405374400	C-8-61
AIR FORCE	MCCHORD AIR FORCE BASE	WA057182420000	C-7-57, C-8
AIR FORCE	FAIRCHILD AIR FORCE BASE	WA057212464700	71, C-6-180
AIR FORCE	PAINE FIELD	WA057282426800	C-7-57
AIR FORCE	SPOKANE INTERNATIONAL AIRPORT	WA057282429300	71, C-8-61
AIR FORCE	SEATTLE AIR GUARD STATION	WA057282592900	C-7-58
AIR FORCE	FOUR LAKES COMM AIR GUARD STATION	WA057282623700	71, C-8-61
AIR FORCE	BELLINGHAM MUNICIPAL AIRPORT	WA057282840200	C-8-61
AIR FORCE	CAMP MURRAY AIR GUARD STATION	WA057282882800	C-7-57
ARMY	FORT MCCOY	WI521042056300	C-8-64
ARMY	MILWAUKEE (LOGAN) USARC/OMS	WI521042135300	C-8-64
ARMY	FOND DU LAC USARC/OMS	WI521042162700	C-8-64
ARMY	WAUSAU USARC (EXCESS)	WI521042176000	C-8-64
ARMY	APPLETON USARC/OMS	WI521042176100	C-8-64
ARMY	USARC EAU CLAIRE (KEITH)	WI521042178100	C-8-64
ARMY	USARC PEWAUKEE	WI521042195300	C-8-64
ARMY	USARC OSHKOSH	WI521042207000	C-8-64
ARMY	USARC MADISON (O'CONNELL)	WI521042212300	C-8-64
ARMY	WILLIAM J HUEMPFNER USARC	WI521042212900	C-8-64
ARMY	BEAVER DAM MEMORIAL USARC/OMS	WI521042226200	C-8-64
ARMY	DODGEVILLE MEMORIAL USARC	WI521042284400	C-8-64

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ARMY	USARC LADYSMITH	WI521042295300	C-8-64
ARMY	ELLSWORTH USARC	WI521042386300	C-8-64
ARMY	USARC GREEN BAY (BUCHANAN STREET)	WI521044340500	C-8-64
ARMY	ANDREW MILLER USARC/OMS	WI521044340800	C-8-64
ARMY	USARC SPARTA (FORT MCCOY 240)	WI521044346300	C-8-64
ARMY	FORT MCCOY USARC (ECS 67)	WI5210443G6700	C-8-64
ARMY	USARC CHIPPEWA FALLS	WI521044740000	C-8-64
ARMY	458TH C&C DS/GS STG FACILITY	WI521044740600	C-8-64
ARMY	USARC HURLEY (AMSA 52 SUB 1)	WI5210447GS300	C-8-64
ARMY	MENASHA USARC	WI521044M44900	C-8-64
ARMY	WILLIAM F FALE USARC/OMS	WI521044M45900	C-8-64
ARMY	USARC RACINE	WI521044M46000	C-8-64
ARMY	USARC DE PERE (AMSA 51)	WI52104WI00700	C-8-64
ARMY	AMSA #155 (G)	WI52104WI00900	C-8-64
ARMY	AMSA #139 (G)	WI52104WI03600	C-8-64
ARMY	USARC ONALASKA (AMSA 53)	WI52104WI05800	C-8-64
ARMY	USARC MILWAUKEE (AMSA 49)	WI52104WI06300	C-8-64
ARMY	MILWAUKEE USARC/AMSA#49	WI52104WI06400	C-8-64
ARMY	BADGER ARMY AMMUNITION PLANT	WI521382005600	71, C-6-183
ARMY	FAMILY HOUSING SUN PRAIRIE	WI521405516500	C-8-64
AIR FORCE	GENERAL MITCHELL AIR FORCE BASE	WI557122429900	C-8-64
AIR FORCE	TRUAX FIELD	WI557282424700	C-7-59
AIR FORCE	VOLK FIELD AIR GUARD BASE	WI557282587700	C-7-59
AIR FORCE	GENERAL MITCHELL INTERNATIONAL AIRPORT	WI557282841100	C-8-64
AIR FORCE	WAKE ISLAND AIRFIELD	WQP57302953300	71, C-6-178
NAVY	ALLEGANY BALLISTICS LAB	WV317002369100	B-62, C-6-182
NAVY	SUGAR GROVE NSGA	WV317002754000	C-7-58
ARMY	USARC BEAVER	WV3210416U0400	C-8-63
ARMY	USARC FAIRMONT	WV3210416U1100	C-8-63
ARMY	USARC GRAFTON	WV3210416U1500	C-8-63
ARMY	USARC GRANTSVILLE	WV3210416U1800	C-8-63
ARMY	USARC JANE LEW	WV3210416U7000	C-8-63

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ARMY	USARC PARKERSBURG (AMSA 114)	WV321042195200	C-8-63
ARMY	USARC WHEELING	WV321042202000	C-8-63
ARMY	AFRC SOUTH CHARLESTON (AMSA 107)	WV321042202200	C-8-63
ARMY	USARC WEIRTON	WV321042235200	C-8-63
ARMY	USARC BLUEFIELD	WV321042237900	C-8-63
ARMY	USARC CLARKSBURG	WV321042243000	C-8-63
ARMY	USARC MARTINSBURG	WV321042255800	C-8-63
ARMY	USARC NEW MARTINSVILLE	WV321042265900	C-8-63
ARMY	USARC ROMNEY	WV321042286500	C-8-63
ARMY	USARC ELKINS	WV321042385400	C-8-63
ARMY	USARC LEWISBURG, WV	WV321042385800	C-8-63
ARMY	USARC HUNTINGTON	WV32104WV01700	C-8-63
ARMY	AFRC MORGANTOWN	WV32104WV02800	C-8-63
ARMY	USARC EAST RAINELLE	WV32104WV03300	C-8-63
ARMY	USARC RIPLEY	WV32104WV03700	C-8-63
ARMY	USARC VALLEY GROVE (AMSA 109)	WV32104WV03900	C-8-63
ARMY	USARC PARKERSBURG	WV32104WV04600	C-8-63
ARMY	POINT PLEASANT OMS #6	WV321185413500	C-8-63
ARMY	VOLKSTONE	WV321185442600	C-8-63
AIR FORCE	YEAGER AIRPORT	WV357282589100	C-8-63
AIR FORCE	EWVRA SHEPHERD FIELD (MARTINSBURG)	WV357282845500	C-7-58
ARMY	USARC CHEYENNE	WY821046FR0400	C-8-65
ARMY	SHERIDAN AFRC	WY821046FR0600	C-8-65
AIR FORCE	FRANCIS E WARREN AIR FORCE BASE	WY857212417900	C-6-184
AIR FORCE	SUNDANCE AIR FORCE STATION	WY857212464401	C-7-59
AIR FORCE	CHEYENNE MUNICIPAL AIRPORT	WY857282588600	C-6-184
ARMY	JOHNSTON ISLAND	XX92145JQ43500	C-8-23
FUDS	CAPE THOMPSON NAV SITE	AK09799F249200	C-8-2
FUDS	CAPE SABINE DEW(LIZ-A)	AK09799F249300	C-8-2
FUDS	ICY CPE DEW STA(LIZ-B)	AK09799F249400	C-8-3
FUDS	PEARD BAY DEW (LIZ-C)	AK09799F249500	C-8-3
FUDS	BROWNLOW POINT DEW	AK09799F249600	C-7-3

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FUDS	COLLINSON POINT DEW	AK09799F249700	C-7-3
FUDS	MANNING POINT DEW	AK09799F249800	C-7-4
FUDS	GRIFFIN POINT DEW	AK09799F249900	C-8-3
FUDS	NUVAGAPAK PT DEW(BAR A)	AK09799F250000	C-7-4
FUDS	DEMARICATION BAY DEW	AK09799F250100	C-8-2
FUDS	CHERNOFSKI HBR SUP&STO	AK09799F250300	C-7-3
FUDS	UNALGA ISL NAV RADIO	AK09799F250500	C-7-4
FUDS	DRIFTWOOD BAY RR STA	AK09799F250600	C-8-3
FUDS	FT. LEARNARD	AK09799F250700	C-7-3
FUDS	AKUTAN	AK09799F250800	C-8-2
FUDS	ELSON LAGOON	AK09799F251000	C-8-3
FUDS	CAPE SIMPSON DEW-POW A	AK09799F251100	C-8-2
FUDS	KOGRU DEW (POW B)	AK09799F251200	71, C-6-9
FUDS	MCINTYRE DEW STA(POW C)	AK09799F251300	C-8-3
FUDS	AGATTU ISLAND	AK09799F251500	C-6-6
FUDS	PORT HEIDEN	AK09799F251700	C-6-10
FUDS	PORT MOLLER	AK09799F251800	C-8-3
FUDS	CATON ISLAND	AK09799F251900	C-7-3
FUDS	SCOTCH CAP	AK09799F252100	C-6-10
FUDS	KRUSENSTERN RR ANX	AK09799F252500	C-8-3
FUDS	UNALAKLEET AFSTA	AK09799F252600	71, C-7-4
FUDS	NORTH RIVER RRS ANX	AK09799F252700	C-8-3
FUDS	CAINES HEAD, FT MCGILV	AK09799F252900	C-7-3
FUDS	CAPE YAKAK RADIO STA	AK09799F253000	C-6-8
FUDS	ANNETTE ISL LAND FLD	AK09799F254100	C-7-3
FUDS	NOME AREA DEF REGION	AK09799F254200	C-7-4
FUDS	ATTU ISL MIL SITES	AK09799F254500	C-6-7
FUDS	BARWELL ISLAND	AK09799F254800	C-7-3
FUDS	LAVA LK WEATHER STA	AK09799F255100	C-8-3
FUDS	FORT PIERCE	AK09799F255600	C-7-3
FUDS	CAPE PRINCE WALES AWS	AK09799F256400	C-8-2
FUDS	CORDOVA AF	AK09799F257400	C-8-2

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FUDS	CRAIG ACS SITE	AK09799F257500	C-8-2
FUDS	DAVIDSON-S LANDING	AK09799F257600	C-7-3
FUDS	GREAT SITKIN ISL	AK09799F260400	C-6-8
FUDS	GUSTAVUS ARPT	AK09799F260600	C-8-3
FUDS	HOONAH RRS	AK09799F261200	C-7-4
FUDS	KISKA ISL GARR(B & L)	AK09799F262700	C-6-9, C-7-4
FUDS	KOUGAROK AFB	AK09799F263200	C-8-3
FUDS	MIDDLETON ISL AFS	AK09799F264800	C-7-4
FUDS	MOSES POINT GARRISON	AK09799F265200	C-8-3
FUDS	NORTHWAY ACS	AK09799F266700	C-7-4
FUDS	OGLIUGA ISL	AK09799F267000	C-7-4
FUDS	SEMISOPOCHNOI ISL	AK09799F269800	C-8-3
FUDS	SKULL CLIFF LORAN ANNEX DEW	AK09799F270500	C-8-3
FUDS	SUSITNA GUNNERY RNG	AK09799F271500	C-6-11
FUDS	TANAGA ISL	AK09799F271800	C-6-11
FUDS	TELLER SUPPLY	AK09799F272100	C-8-3
FUDS	TOK (ACS RADIO RELAY)	AK09799F272200	C-8-3
FUDS	UGADAGA BAY STA	AK09799F272900	C-7-4
FUDS	UMIAT AFS	AK09799F273100	C-6-11
FUDS	WALSETH AFB, MCGRATH	AK09799F273500	C-8-3
FUDS	WILDWOOD AFS	AK09799F273900	C-7-4
FUDS	CAPE YAKATAGA RRS	AK09799F274400	C-7-3
FUDS	LAKE PETERS	AK09799F274700	C-7-4
FUDS	CAPE CHINIAK TRACK STA	AK09799F276700	C-8-2
FUDS	FT TIDBALL/LONG ISL	AK09799F276800	C-8-3
FUDS	FT SMITH/LITTLE NS	AK09799F277000	C-8-3
FUDS	SITKINAK ISL RADIO REL	AK09799F277500	C-8-3
FUDS	CAPE NOME ACS	AK09799F277900	C-8-2
FUDS	CAPE RODNEY (MIL SITE)	AK09799F278000	C-8-2
FUDS	FORT GLENN	AK09799F278300	C-6-8
FUDS	GULKANA PREP & ARMY	AK09799F280100	C-8-3
FUDS	NORTHWAY STAGING FLD	AK09799F282000	C-8-3

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FUDS	FORT RAY	AK09799F282100	C-8-3
FUDS	POINT BARROW RADIO STA	AK09799F291000	C-8-3
FUDS	MT.EDGE CUMBE/SITKA NOB	AK09799F292800	C-8-3
FUDS	ANIAK ARPT	AK09799F293100	C-7-3
FUDS	CAPE SARICHEF	AK09799F293400	C-7-3
FUDS	CHUGACH MTS-SHIP CREEK	AK09799F295000	C-8-2
FUDS	HAINES MILITARY CUTOFF ROAD	AK09799F295800	C-8-3
FUDS	SLEDGE ISLAND	AK09799F297700	C-8-3
FUDS	GAMBELL	AK09799F298200	C-8-3
FUDS	PEDRO DOME	AK09799F298500	C-8-3
FUDS	BADGER RD (ARC SUR YD)	AK09799F299300	C-8-2
FUDS	KODIAK CG SUP CNTR	AK09799F299400	C-8-3
FUDS	AMAKNAK	AK09799F299500	C-7-3
FUDS	BRUHN PT. (KODIAK ISL)	AK09799F299700	C-8-2
FUDS	NE CAPE (ST LAWRENCE ISLAND)	AK09799F299900	C-6-10
FUDS	BURMA ROAD	AK09799F696100	C-6-7
FUDS	FORT ROUSSEAU, SITKA	AK09799F696900	C-8-3
FUDS	FORT BABCOCK, SITKA	AK09799F697200	C-8-3
FUDS	BETHEL BIA HDQRS	AK09799F699900	C-7-3
FUDS	BETHEL ARPT	AK09799F700200	C-8-2
FUDS	ANCHORAGE ACS STO ANX	AK09799F701000	C-8-2
FUDS	YAKUTAT AFB	AK09799F703900	C-7-4
FUDS	OCEAN CAPE RR SITE	AK09799F706600	C-7-4
FUDS	CAPE PROMINENCE AWS	AK09799F707300	C-7-3
FUDS	AM RIVER AIR BASE	AK09799F708100	C-8-2
FUDS	PORT CLARENCE LORAN ST	AK09799F708600	C-8-3
FUDS	JUNIPER CK FUEL DUMP	AK09799F708700	C-8-3
FUDS	COLD BAY ACS COM-FT RA	AK09799F708800	C-7-3
FUDS	LAKE LOUISE	AK09799F709000	C-7-4
FUDS	ATKA AF AUX FLD	AK09799F709200	C-7-3
FUDS	NIKE SITE JIG	AK09799F709400	C-8-3
FUDS	NIKE SITE LOVE	AK09799F709500	C-8-3

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FUDS	FAIRBANKS AACS AND ACS	AK09799F709600	C-8-3
FUDS	OHLSON MT	AK09799F709700	C-8-3
FUDS	AMCHITKA AF AUXILIARY FIELD	AK09799F709900	C-6-6
FUDS	ST PAUL/ST GEORGE	AK09799F710100	C-8-3
FUDS	BUSKIN BCH-KODIAK ISL	AK09799F710200	C-6-7
FUDS	TIGALDA ISLAND	AK09799F788700	C-7-4
FUDS	NIKE SITE BAY	AK09799F842000	C-7-4
FUDS	GERSTLE RIVER EXPANSION AREA	AK09799F869500	C-8-3
FUDS	PORCUPINE RIVER DEW STAGING CAMP	AK09799F900600	C-7-4
FUDS	BARTER ISLAND DEW STATION	AK09799F900800	C-8-2
FUDS	LAKE LOUISE AIRFIELD	AK09799F901000	C-7-4
FUDS	PORT OF WHITTIER	AK09799F906800	C-7-4
FUDS	KODIAK NAVY/ARMY	AK09799F913300	C-8-3
FUDS	HAINES FAIRBANKS PIPELINE	AK09799F980700	C-6-9
FUDS	ANVIL MOUNTAIN AWS	AK09799F988400	C-8-2
FUDS	BARROW LANDFILL	AK09799FA22700	C-8-2
FUDS	EIELSON FARM ROAD AAA SITE	AK09799FA30400	71, C-7-3
FUDS	ATKA CAPE KUDUGNAX	AK09799FA30800	C-6-6
FUDS	BROOKLEY AFB U SO ALA	AL49799F419700	C-7-1
FUDS	GADSDEN ORDNANCE PLANT	AL49799F420600	C-7-1
FUDS	B'HAM ARMY AF	AL49799F420800	C-7-1
FUDS	COURTLAND ARMY AF	AL49799F420900	C-7-1
FUDS	CRAIG AFB	AL49799F421000	C-7-1
FUDS	GADSEN AAF STORAGE DEPOT	AL49799F421100	C-8-1
FUDS	NAPIER FIELD	AL49799F421500	C-7-1
FUDS	CP SIBERT	AL49799F421600	C-6-2
FUDS	THEODORE AMMO-AL STATE DO	AL49799F421700	C-8-1
FUDS	AL DRYDOCK & SHIPBLDG CO	AL49799F422200	C-8-1
FUDS	THOMASVILLE COM FAC ANNEX	AL49799F422400	C-8-1
FUDS	BATES AAF MUN AP AUTH	AL49799F422600	C-8-1
FUDS	CWS MIXING PLANT NO 2	AL49799F422700	C-8-1
FUDS	GUNTER AIR FORCE STATION	AL49799F423900	C-8-1

DoD Component	Installation Name	FFID	Page
FUDS	FORT MCCLELLAN	AL49799F427800	C-7-1
FUDS	BARIN NAVAL AIR STATION	AL49799F432000	C-8-1
FUDS	ANNISTON MILITIA TARGET RANGE	AL49799F782100	C-7-1
FUDS	MOUNT VERNON BARRACKS	AL49799F785500	C-8-1
FUDS	CAMP SHERIDAN	AL49799F786200	C-7-1
FUDS	SOUTHERN AIRWAYS	AL49799F786300	C-8-1
FUDS	CAMP SHERIDAN RIFLE RANGE	AL49799FA09600	C-7-1
FUDS	CAMP SHERIDAN ARTILLERY RANGE	AL49799FA09700	C-7-1
FUDS	MOTON FIELD (TUSKEGEE INSTITUTE	AL49799FA13400	C-8-1
FUDS	ARKANSAS ORD PLANT	AR69799F604500	C-7-7
FUDS	CAMP ROBINSON/CAMP PIKE	AR69799F604600	C-6-18
FUDS	SHUMAKER NAVAL AMMO DEPOT	AR69799F604700	C-7-7
FUDS	MAUMELLE ORDNANCE WORKS	AR69799F604900	C-8-6
FUDS	SOUTHWESTERN PROV GROUNDS	AR69799F605000	C-6-18
FUDS	STUTTGART AIRFIELD	AR69799F605100	C-8-6
FUDS	EL DORADO ARMY AIRFIELD	AR69799F605400	C-8-6
FUDS	WAL RIDGE AAF & POW CAMP	AR69799F606400	C-8-6
FUDS	HOT SPRINGS ARMY-NAVY HOSPITAL	AR69799F607300	C-8-6
FUDS	TEXARKANA AFS Z-91	AR69799F608400	C-8-6
FUDS	LITTLE ROCK COM TRA SITE	AR69799F608900	C-8-6
FUDS	CAMDEN AUXILIARY AIRFIELD	AR69799F612100	C-8-6
FUDS	SECOND ARMY AMMUNITION DEPOT	AR69799F799900	C-8-6
FUDS	CAMP CHAFFEE	AR69799F976700	C-7-7
FUDS	UTULEI STOR TANK	AS99799F371600	C-8-4
FUDS	AUA FUEL FARM	AS99799F371700	C-8-4
FUDS	USNS TUTUILA	AS99799F692100	C-7-5
FUDS	VAIPITO VILLAGE	AS99799F692600	C-7-5
FUDS	TAFUNA MILITARY RESERVATION	AS99799F692700	C-7-5
FUDS	VAITOGI RADIO STATION	AS99799F739900	C-7-5
FUDS	MATAFAO SCHOOL	AS99799F985400	C-7-5
FUDS	KINGMAN A AF-FORMER	AZ99799F504300	C-7-5
FUDS	KOFA NWR	AZ99799F505000	C-6-15

DoD Component	Installation Name	FFID	Page
FUDS	NAVAL AIR STATION LITCHFIELD	AZ99799F505100	C-8-5
FUDS	MODIFICATION CENTER NO. 2	AZ99799F506300	C-8-5
FUDS	AJO AAF	AZ99799F506600	C-7-5
FUDS	AVRA AIR FORCE AUX FIELD #4	AZ99799F506800	C-8-4
FUDS	AZTEC GROUND GUNNERY RANGE #4	AZ99799F506900	C-8-4
FUDS	BUCKEYE NATIONAL GUARD TAR RGE	AZ99799F507100	C-8-4
FUDS	CAMP BOUSE	AZ99799F507300	C-6-14
FUDS	CAMP BOUSE RAILHEAD	AZ99799F507400	C-8-4
FUDS	CAMP HORN	AZ99799F507500	C-6-14
FUDS	CAMP HYDER	AZ99799F507600	C-6-14
FUDS	COLFRED GROUND GUNNERY RANGE#2	AZ99799F507900	C-8-4
FUDS	COOLIDGE ARMY AIR FIELD	AZ99799F508100	C-7-5
FUDS	CORONADO AUXILIARY FIELD #3	AZ99799F508200	C-8-4
FUDS	COVERED WELLGAP FIL AX TM181B	AZ99799F508300	C-8-4
FUDS	DATELAND A.F. AUXILIARY FIELD	AZ99799F508500	C-7-5
FUDS	DOUGLAS AIR FIELD	AZ99799F510700	C-7-5
FUDS	FLAGSTAFF N.G. TARGER RANGE	AZ99799F511000	C-7-5
FUDS	FLORENCE AF AUXILIARY FACILITI	AZ99799F511100	C-8-4
FUDS	GILBERT AF AUXILIARY FIELD	AZ99799F511700	C-8-4
FUDS	HACKBERRY AUXILIARY FIELD #3	AZ99799F512000	C-8-4
FUDS	HEREFORD ARMY AIRFIELD	AZ99799F512100	C-7-5
FUDS	HILLSIDE GAP FILLER ANNEX M98B	AZ99799F512200	C-8-4
FUDS	KINGMAN AIR TO AIR GUN RG	AZ99799F512500	C-7-5
FUDS	LAGUNA MANEUVER AREA	AZ99799F512600	C-6-15
FUDS	LAKE HAVASU AUXILIARY FIELD #6	AZ99799F512700	C-8-4
FUDS	LUKE AF AUXILIARY FIELD #2	AZ99799F512900	C-8-4
FUDS	LUKE AF AUX FIELD #3	AZ99799F513100	C-7-5
FUDS	LUKE AIR FORCE RANGE /D/	AZ99799F514200	C-7-5
FUDS	MARANA ARMY AIRFIELD	AZ99799F514400	C-8-5
FUDS	MOHAVE MANEUVER AREA C	AZ99799F514700	C-6-16
FUDS	MCNEAL AUXILIARY FIELD #1	AZ99799F514800	C-8-5
FUDS	PALO ALTO PBR #3	AZ99799F515300	C-7-6

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FUDS	PALO ALTO PBR #4	AZ99799F515400	C-7-6
FUDS	PALO ALTO PBR #5	AZ99799F515500	C-7-6
FUDS	PALO ALTO PBR #6	AZ99799F515600	C-7-6
FUDS	PAPAGO PARK MANEUVER AREA	AZ99799F515700	C-8-5
FUDS	PAPAGO PARK POW CAMP	AZ99799F515800	C-8-5
FUDS	RILLITO AUXILIARY FIELD #2	AZ99799F516300	C-8-5
FUDS	SAHUARITA AFR	AZ99799F516500	C-6-16
FUDS	SAHUARO AUX FIELD #5	AZ99799F516600	C-8-5
FUDS	SCHUK-TOAK A TO G GUN RGE	AZ99799F516700	C-6-17
FUDS	SELLS GAP FIL AX M92A	AZ99799F516800	C-8-5
FUDS	SIGNAL AUXILIARY FIELD #7	AZ99799F516900	C-8-5
FUDS	TACNA GAP FILLER ANNEX Z162A	AZ99799F517400	C-8-5
FUDS	TASK FORCE FURNACE	AZ99799F517500	C-6-17
FUDS	TOPOCK AUX FIELD #5	AZ99799F517800	C-8-5
FUDS	TOPOCK GAP FIL AX SM162H	AZ99799F517900	C-8-5
FUDS	WEBB AUXILIARY FIELD #3	AZ99799F518200	C-8-5
FUDS	WELLTON GRO GUN RGE #1	AZ99799F518300	C-7-6
FUDS	WHIPPLE BARRACKS TARGET RANGE	AZ99799F518400	C-7-6
FUDS	WILLCOX AIR FORCE RANGE	AZ99799F518600	C-7-6
FUDS	WILLIAMS FIED BOMB TAR RGE #10	AZ99799F518700	C-7-6
FUDS	WILLI FD BOMB TAR RGE #12	AZ99799F518800	C-7-6
FUDS	WILLI FD BOMB TAR RGE #13	AZ99799F518900	C-7-6
FUDS	WILLI FD BOMB TAR RGE #14	AZ99799F519000	C-8-5
FUDS	WILLIAM FIELD BOMB TAR RGE #15	AZ99799F519100	C-8-5
FUDS	WILLI FD BOMB TAR RGE #16	AZ99799F519200	C-8-5
FUDS	WILLIAM FIELD BOMB TAR RGE #17	AZ99799F519300	C-8-5
FUDS	WILLI FD BOMB TAR RGE #18	AZ99799F519400	C-8-5
FUDS	WILLIAMS FIELD BOMB TAR RGE #2	AZ99799F519500	C-7-6
FUDS	WILLIAM FIELD BOMB TAR RGE #21	AZ99799F519600	C-8-5
FUDS	WILLI FD BOMB TAR RGE #22	AZ99799F519700	C-7-6
FUDS	WILLI FD BOMB TAR RGE #24	AZ99799F519800	C-8-5
FUDS	WILLI FD BOMB TAR RGE #3	AZ99799F519900	C-7-6

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FUDS	WILLI FD BOMB TAR RGE #4	AZ99799F520000	C-7-6
FUDS	WILLI FD BOMB TAR RGE #5	AZ99799F520100	C-7-6
FUDS	WILLIAMS FIELD BOMB TAR RGE #6	AZ99799F520200	C-8-5
FUDS	WILLI FD BOMB TAR RGE #7	AZ99799F520300	C-7-6
FUDS	WILLIAMS FIED BOMB TAR RGE #9	AZ99799F520400	C-7-6
FUDS	WILMOT N.G. TARGET RANGE	AZ99799F520500	C-7-6
FUDS	WINSLOW AF STATION Z-93	AZ99799F520600	C-8-5
FUDS	YUCCA A TO A GR RGE	AZ99799F520800	C-7-6
FUDS	YUMA AUXILIARY FIELD NO 1	AZ99799F521100	C-8-5
FUDS	KINGMAN G TO G GUNNERY RANGE	AZ99799F695300	C-7-5
FUDS	YUCCA AUXILIARY OPERATING BASE	AZ99799F805700	C-7-6
FUDS	WHIPPLE BARRACKS RESERVATION	AZ99799F818900	C-7-6
FUDS	YUMA PROVING GROUNDS	AZ99799F825100	C-6-17
FUDS	WILLIAMS FIELD BOMB TARGET RANGE 1A	AZ99799FA31600	C-8-5
FUDS	MUGGINS MOUNTAINS	AZ99799FA35900	C-6-16
FUDS	COLORADO RIVER WAR RELOCATION	AZ99799FA38000	C-8-4
FUDS	FORT HUACHUCHA	AZ99799FA38900	C-6-15
FUDS	PRISONER OF WAR CAMP (ELOY I) -ARMY	AZ99799FA42100	C-8-5
FUDS	TUCSON RIFLE CLUB	AZ99799FA44800	C-8-5
FUDS	CAMP IRON MOUNTAIN	CA99799F224600	C-6-34
FUDS	GOLDEN GATE NATIONAL RECREATION AREA	CA99799F522200	C-7-10
FUDS	WILDCAT MILITARY RESERVATION	CA99799F522300	C-7-15
FUDS	REQUA AIR FORCE STATION	CA99799F522400	C-7-12
FUDS	SADDLE PEAK NIKE	CA99799F522500	C-8-9
FUDS	STOCKTON MILITARY AIRFIELD	CA99799F523400	C-7-13
FUDS	WHITMORE GAP FILLER ANNEX	CA99799F524200	C-7-15
FUDS	AZUSA DUMP SITE OWL 4X PL	CA99799F524300	C-8-7
FUDS	SANTA ROSA ARMY AIRFIELD	CA99799F524400	C-8-10
FUDS	BAYWOOD PARK TRAINING AREA	CA99799F524700	C-8-7
FUDS	MT LAGUNA (GATR)	CA99799F524800	C-8-9
FUDS	UPPER LAKE DISTRICT NAVY CAMP	CA99799F524900	C-7-14
FUDS	ANGELES NATIONAL FOREST	CA99799F525000	C-7-8

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FUDS	IRON MTN & KILBECK HILLS	CA99799F525600	C-6-40
FUDS	RICE VALLEY SAND DUNES	CA99799F525800	C-6-42
FUDS	CAMP DUNLAP	CA99799F526700	C-8-8
FUDS	NAVAL INDUSTRIAL RESERVE PLANT BERKELEY	CA99799F527100	C-8-9
FUDS	BIG LAGOON BOMBING TARGET	CA99799F527200	C-7-9
FUDS	CAMP ELLIOT	CA99799F527500	C-6-33
FUDS	BEALE AFB ILS OUTER MARKER ANNEX	CA99799F528100	C-7-9
FUDS	BLACK POINT COMMUNICATIONS FACILITY ANNEX	CA99799F528200	C-7-9
FUDS	CASTLE AFB COMMUNICATIONS ANNEX	CA99799F528300	C-8-8
FUDS	SHAFTER COMM FACILITY ANNEX #2	CA99799F529800	C-8-10
FUDS	SISKIYOU PETROLEUM, OIL & LUBRICANTS ANNEX	CA99799F529900	C-7-13
FUDS	YOLO COUNTY AIRPORT	CA99799F530000	C-7-15
FUDS	AF PLANT #14	CA99799F530400	C-8-7
FUDS	AIR FORCE PLANT #16 (NASA)	CA99799F530500	C-8-7
FUDS	CANOVA AVE FACILITY (AFP#56)	CA99799F530700	C-8-8
FUDS	NASA AREA 2	CA99799F530800	C-8-9
FUDS	CHELI AFS	CA99799F531400	C-8-8
FUDS	KINNER MOTORS	CA99799F532000	C-8-8
FUDS	CAMARILLO AIRPRT	CA99799F532900	C-7-9
FUDS	SANTA ROSA ISLAND AFS	CA99799F533500	C-7-13
FUDS	FT. MACARTHUR LOWER&MIDDLE RES	CA99799F533800	C-8-8
FUDS	VAN NUYS AAF	CA99799F534600	C-7-14
FUDS	TRABUCO BOMBING RANGE	CA99799F534700	C-6-43
FUDS	EL SEGUNDO BATTERY SITE	CA99799F535000	C-8-8
FUDS	AGF&ASF REDISTRIB STA	CA99799F535300	C-8-7
FUDS	ALLEN AUX FIELD #3	CA99799F535500	C-8-7
FUDS	BAKERSFIELD MUNICIPAL AIRPORT	CA99799F535800	C-7-8
FUDS	BANNING PARK CAMP	CA99799F536100	C-8-7
FUDS	BANNING RIFLE RANGE	CA99799F536200	C-7-8
FUDS	BLYTHE ARMY AIRFIELD	CA99799F537100	C-7-9
FUDS	BOLSA CHICA MIL RES	CA99799F537300	C-7-9
FUDS	BORON AIR FORCE STATION Z-59	CA99799F537400	C-8-7

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FUDS	DUNLOP AUXILIARY FIELD	CA99799F537500	C-8-8
FUDS	CADIZ LAKE A TO G GUNNERY RGE	CA99799F537800	C-6-32
FUDS	CADIZ LAKE SONIC TARGET #1	CA99799F537900	C-8-7
FUDS	CADIZ LAKE SONIC TAR #2	CA99799F538100	C-7-9
FUDS	CADIZ LAKE SONIC TAR #3	CA99799F538200	C-7-9
FUDS	CADIZ LAKE SONIC TARGET #4	CA99799F538300	C-7-9
FUDS	CADIZ LAKE SONIC TAR #5	CA99799F538400	C-7-9
FUDS	CADIZ LAKE SONIC TARGET #6	CA99799F538500	C-7-9
FUDS	CADIZ LAKE SONIC TARGET #7	CA99799F538600	C-7-9
FUDS	CADIZ LAKE SONIC TARGET #8	CA99799F538700	C-7-9
FUDS	CADIZ LAKE SONIC TARGET #9	CA99799F538800	C-7-9
FUDS	CALIF WING CIVIL AIR PATROL	CA99799F539000	C-8-8
FUDS	CAMBRIA AIR FORCE STATION	CA99799F539100	C-8-8
FUDS	CAMP ANZA	CA99799F539200	C-7-9
FUDS	CAMP CACTUS	CA99799F539300	C-8-8
FUDS	CAMP CALLAN	CA99799F539400	C-6-33
FUDS	CAMP COOKE	CA99799F539500	C-7-9
FUDS	CAMP COXCOMB	CA99799F539600	C-6-33
FUDS	CAMP ESSEX	CA99799F539900	C-6-34
FUDS	CAMP HAAN	CA99799F540000	C-6-34
FUDS	CAMP IBIS (CAMA)	CA99799F540200	C-8-8
FUDS	CAMP LA MESA	CA99799F540300	C-7-9
FUDS	CAMP PILOT KNOB	CA99799F540400	C-7-9
FUDS	CP ROSS	CA99799F540500	C-8-8
FUDS	CAMP SEELEY	CA99799F540600	C-8-8
FUDS	CAMP SEELEY COMBAT FIRING RG	CA99799F540700	C-7-9
FUDS	CAMP SEELEY ORDNANCE PROV GRD	CA99799F540800	C-8-8
FUDS	CAMP SEELEY ORD TRG CENTER	CA99799F540900	C-8-8
FUDS	CAMP SHAFTER	CA99799F541000	C-8-8
FUDS	CAMP YOUNG (CAMA)	CA99799F541100	C-6-36
FUDS	CARROLL CANYON DEMOLITION AREA	CA99799F541400	C-7-9
FUDS	COYOTE WELLS GAP FIL AX P76B	CA99799F542200	C-8-8

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FUDS	DAGGETT ARMY AIRFIELD	CA99799F542400	C-7-10
FUDS	DESERT CNTR ARPT	CA99799F542700	C-8-8
FUDS	DESERT CENTER DIVISION CAMP	CA99799F542800	C-8-8
FUDS	DRY CANYON ARTILLERY RANGE	CA99799F543100	C-6-37
FUDS	EDWARDS AFB PROJ ROUND UP	CA99799F543300	C-8-8
FUDS	PASO ROBLES MUNICIPAL AIRPORT	CA99799F543600	C-8-9
FUDS	PALOS VERDES WHF CONT CTR	CA99799F544100	C-8-9
FUDS	FAMOSA AUXILIARY FIELD #3	CA99799F544200	C-8-8
FUDS	FORWARD RELAY STATION 1-MS	CA99799F544300	C-8-8
FUDS	GARDNER FIELD	CA99799F544900	C-7-10
FUDS	GAVILAN PLATEAU MANEUVER AREA	CA99799F545000	C-6-39
FUDS	GOFFS CAMPSITE	CA99799F545100	C-7-10
FUDS	GRAND CENTRAL AIR TERMINAL	CA99799F545200	C-7-10
FUDS	GREY BUTTE AUX FLD #4	CA99799F545300	C-8-8
FUDS	INYOKERN AIRFIELD	CA99799F546600	C-7-10
FUDS	JET PROPULSION LAB	CA99799F546700	C-7-11
FUDS	LA DEF AREA NIKE 88	CA99799F547700	C-8-9
FUDS	NIKE BATTERY #57	CA99799F547800	C-8-9
FUDS	NIKE BTY 70	CA99799F547900	C-8-9
FUDS	NIKE BATTERY 29	CA99799F548000	C-8-9
FUDS	NIKE BATTERY 14 - SILOS	CA99799F548300	C-8-9
FUDS	LOS ANGELES MUNICIPAL AIRPORT	CA99799F549000	C-7-11
FUDS	LOS ANGELES ORDNANCE DEPOT	CA99799F549100	C-8-9
FUDS	LONG BEA MUNICIPAL AIRPORT	CA99799F550500	C-7-11
FUDS	LOS ANGELES AFS ANNEX NO.1	CA99799F550800	C-8-9
FUDS	LOS ANGELES MEDICAL DEPOT	CA99799F550900	C-8-9
FUDS	MANHATTAN BEACH RAILWAY SITE	CA99799F551200	C-8-9
FUDS	MARCH TVOR ANX	CA99799F551500	C-8-9
FUDS	MENDENHALL PEAK CAMP SITE	CA99799F551700	C-8-9
FUDS	MEXICAN BORDER FCS	CA99799F551800	C-8-9
FUDS	MINTER FIELD AIRPORT	CA99799F551900	C-7-11
FUDS	NEEDLES DIVISION CAMP	CA99799F553000	C-6-41

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FUDS	NEWPORT BEACH FCS	CA99799F553300	C-8-9
FUDS	ONTARIO A.N.G. TRAINING SITE	CA99799F554300	C-8-9
FUDS	OXNARD ILS OUTER MARK ANNEX	CA99799F554800	C-8-9
FUDS	PALM SPRINGS ARMY AIR FIELD	CA99799F555100	C-7-12
FUDS	PALMDALE CANT AREA	CA99799F555300	C-8-9
FUDS	PALOS VERDES GAP FIL AX SM162D	CA99799F555400	C-8-9
FUDS	POMONA QUARTERMASTER DEPOT	CA99799F556000	C-8-9
FUDS	PORT HUENEME S/COAST DEF SITE	CA99799F556100	C-7-12
FUDS	POSO AUXILIARY FIELD #6	CA99799F556200	C-8-9
FUDS	POINT SAL ATG GUN RGE	CA99799F556700	C-6-42
FUDS	POINT VICENTE MIL RES FC SITES	CA99799F556800	C-8-9
FUDS	RIALTO AMMUNITION STORAGE POIT	CA99799F557900	C-7-12
FUDS	RICE AIR FIELD	CA99799F558000	C-8-9
FUDS	SALINE VALLEY ATA GUN RGE	CA99799F558100	C-7-12
FUDS	SAN BER ENGR DEPOT	CA99799F558700	C-8-9
FUDS	SAN BERNARDINO CWS PL	CA99799F559000	C-7-13
FUDS	SANTA ANA ARMY AIR BASE	CA99799F561600	C-8-10
FUDS	SANTA MARIA AAF	CA99799F562100	C-7-13
FUDS	SANTA MONICA AAF REDIS STA #3	CA99799F562200	C-8-10
FUDS	SHAFTER GAP FILLER ANX	CA99799F562800	C-8-10
FUDS	SHAVERS SUMMIT AIRFIELD	CA99799F562900	C-8-10
FUDS	SODA LAKE AIR-T-GROUND GUN RGE	CA99799F563000	C-6-43
FUDS	TECATE GAP FILLER ANX	CA99799F563400	C-8-10
FUDS	THERMAL GRD AIR STA BASE	CA99799F563700	C-7-14
FUDS	TORNEY GEN HOSPITAL	CA99799F563900	C-8-10
FUDS	TUSTIN NATIL GUARD RIFLE RANGE	CA99799F564100	C-7-14
FUDS	U.S.A.R. HUNTINGTON PARK	CA99799F564400	C-8-10
FUDS	VANDEMBERG ILS OUTER MARKER AN	CA99799F565600	C-8-10
FUDS	VICTORVILLE PRE BOMB RANGE N-1	CA99799F565700	C-7-15
FUDS	VICTORVILLE PBR N-3	CA99799F565900	C-7-14
FUDS	VICTORVILLE PBR NO 1	CA99799F566000	C-7-14
FUDS	VICTORVILLE PBR NO.10	CA99799F566100	C-7-14

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FUDS	VICTORVILLE PBR NO 11	CA99799F566200	C-7-14
FUDS	VICTORVILLE PBR NO 12	CA99799F566300	C-7-14
FUDS	VICTORVILLE PBR NO 13	CA99799F566400	C-7-14
FUDS	VICTORVILLE PBR NO 14	CA99799F566500	C-7-14
FUDS	VICTORVILLE PBR NO 15	CA99799F566600	C-7-14
FUDS	VICTORVILLE PBR NO 16	CA99799F566700	C-7-14
FUDS	VICTORVILLE PBR NO 19	CA99799F567000	C-7-14
FUDS	VICTORVILLE PBR NO. 2	CA99799F567100	C-7-14
FUDS	VICTORVILLE PBR NO. 20	CA99799F567200	C-7-14
FUDS	VICTORVILLE PBR NO 3	CA99799F567300	C-7-14
FUDS	VICTORVILLE PBR NO 4	CA99799F567400	C-7-14
FUDS	VICTORVILLE PRECISION BR NO 5	CA99799F567500	C-7-15
FUDS	VICTORVILLE PBR NO 6	CA99799F567600	C-7-14
FUDS	VICTORVILLE PBR NO. 7	CA99799F567700	C-7-14
FUDS	VICTORVILLE PBR NO 8	CA99799F567800	C-7-14
FUDS	VICTORVILLE PBR NO 9	CA99799F567900	C-7-14
FUDS	VICTORVILLE PBR Y	CA99799F568000	C-7-15
FUDS	WILEY WELLS WATER POINT (CAMA)	CA99799F568900	C-6-45
FUDS	WILMINGTON CLA & HOLD YD	CA99799F569000	C-8-10
FUDS	ARBUCKLE PRISONER OF WAR CAMP	CA99799F569500	C-7-8
FUDS	ARMY-NAVY DISTRIBUTING CENTER	CA99799F569600	C-8-7
FUDS	BALICO AUXILIARY FIELD NO. 2	CA99799F569700	C-8-7
FUDS	BEALE AFB TITAN 1-B	CA99799F569800	C-8-7
FUDS	BENICIA ARSENAL	CA99799F569900	C-7-9
FUDS	BISHOP AIRPORT	CA99799F570000	C-8-7
FUDS	BOLINAS MILITARY RESERVATION	CA99799F570100	C-7-9
FUDS	CALISTOGA RADIO BEACON ANNEX	CA99799F570400	C-8-8
FUDS	CALL MOUNTAIN RADIO RELAY ANNEX	CA99799F570500	C-7-9
FUDS	CAMP ASHBY	CA99799F570600	C-8-8
FUDS	BEALE AFB TVOR ANNEX	CA99799F570800	C-7-9
FUDS	CAMP FLINT	CA99799F570900	C-7-9
FUDS	CAMP MCQUAIDE	CA99799F571000	C-6-35

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FUDS	CAMP MIRAMAR	CA99799F571100	C-8-8
FUDS	CAMP PINEDALE	CA99799F571300	C-8-8
FUDS	CAMP STONEMAN	CA99799F571400	C-6-36
FUDS	CAMPBELL AUXILIARY FIELD NO. 4	CA99799F571600	C-8-8
FUDS	CAPETOWN GAP FILLER ANNEX	CA99799F571700	C-7-9
FUDS	CASTLE AFB RADIO BEACON ANNEX	CA99799F572000	C-8-8
FUDS	CASTLE AFB TVOR ANNEX	CA99799F572100	C-7-10
FUDS	CASTROVILLE AMPHIBIOUS TRAINING AREA	CA99799F572200	C-7-10
FUDS	CENTRAL SIERRA SNOW LABORATORY	CA99799F572300	C-7-10
FUDS	CHICO ARMY AIRFIELD	CA99799F572400	C-7-10
FUDS	CHINA BEACH BIVOUAC AREA	CA99799F572500	C-8-8
FUDS	CIVILIAN WAR HOUSING PROJECT	CA99799F572600	C-7-10
FUDS	DEWITT GENERAL HOSPITAL	CA99799F573100	C-8-8
FUDS	EAGLE ARMY AIRFIELD	CA99799F573400	C-8-8
FUDS	SACRAMENTO DISTRICT ENGINEER YARD-WEIR AREA	CA99799F573800	C-7-12
FUDS	NAVAL AUXILIARY AIR STATION ARCATA	CA99799F573900	C-7-11
FUDS	DEL NORTE COUNTY AIRPORT	CA99799F574000	C-8-8
FUDS	FORT MCDOWELL	CA99799F574300	C-6-39
FUDS	FRANKLIN AUXILIARY FIELD NO. 6	CA99799F574700	C-7-10
FUDS	GRANADA CANTONMENT AREA	CA99799F575000	C-8-8
FUDS	GREAT HIGHWAY MILITARY RESERVATION	CA99799F575200	C-8-8
FUDS	HALF MOON BAY FLIGHT STRIP	CA99799F575600	C-8-8
FUDS	HAMMER FIELD	CA99799F575900	C-6-40
FUDS	HAMMOND GENERAL HOSPITAL	CA99799F576000	C-7-10
FUDS	HAYFORK GAP FILLER ANNEX	CA99799F576100	C-7-10
FUDS	HAYWARD ARMY AIRFIELD	CA99799F576200	C-7-10
FUDS	JANESVILLE GAP FILLER ANNEX	CA99799F576900	C-7-11
FUDS	LAKE PILLSBURY REST CAMP	CA99799F577400	C-8-9
FUDS	LAYTONVILLE GAP FILLER ANNEX	CA99799F577600	C-7-11
FUDS	LINCOLN AUXILIARY FIELD A-2	CA99799F578200	C-7-11
FUDS	LINCOLN RADIO BEACON ANNEX	CA99799F578400	C-7-11
FUDS	LITTLE DEVIL'S SLIDE MILITARY RESERVATION	CA99799F578500	C-7-11

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FUDS	MARYSVILLE ARMY AIRFIELD	CA99799F579000	C-7-11
FUDS	MARYSVILLE JAPANESE RECEPTION CENTER	CA99799F579100	C-7-11
FUDS	MERCED AUXILIARY FIELD NO. 3	CA99799F579600	C-7-11
FUDS	MERCED AUXILIARY FIELD NO. 1	CA99799F579800	C-7-11
FUDS	MERCED JAPANESE RECEPTION CENTER	CA99799F579900	C-8-9
FUDS	MOUNT CAMPBELL RIFLE RANGE	CA99799F580200	C-7-11
FUDS	MOUNT OWEN RIFLE RANGE	CA99799F580300	C-7-11
FUDS	MOUNT PIERCE RADIO RELAY ANNEX	CA99799F580400	C-7-11
FUDS	MOUNT VACA RADIO RELAY STATION	CA99799F580500	C-8-9
FUDS	NEW MERCED MUNICIPAL AIRPORT	CA99799F580900	C-7-12
FUDS	OAKLAND MUNICIPAL AIRPORT DETACHMENT HOUSING SITE	CA99799F581000	C-7-12
FUDS	OAKLAND AREA HOSPITAL SITE	CA99799F581100	C-7-12
FUDS	OAKLAND MUNICIPAL AIRPORT	CA99799F581200	C-7-12
FUDS	OROVILLE ARMY AIRFIELD	CA99799F581400	C-7-12
FUDS	OROVILLE GAP FILLER ANNEX P-58B	CA99799F581500	C-8-9
FUDS	OROVILLE PRECISION BOMBING RANGE	CA99799F581600	C-7-12
FUDS	PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA	CA99799F581700	C-8-9
FUDS	PARR RICHMOND TERMINAL NO. 1	CA99799F582000	C-7-12
FUDS	PILLAR POINT MILITARY RESERVATION	CA99799F582100	C-7-12
FUDS	FORT MASON PORT OF EMBARKATION	CA99799F582200	C-7-10
FUDS	PORTERVILLE ARMY AIRFIELD	CA99799F582300	C-7-12
FUDS	POTTER AUXILIARY FIELD NO. 5	CA99799F582400	C-8-9
FUDS	POINT CABRILLO RADAR SIMULATOR ANNEX	CA99799F582600	C-7-12
FUDS	POINT LOBOS SEARCHLIGHT POSITION	CA99799F582700	C-7-12
FUDS	POINT REYES DATUM POINT & ACCESS ROAD	CA99799F582800	C-7-12
FUDS	JENNER RADAR SITE B-76	CA99799F583100	C-7-11
FUDS	RED BLUFF AIR FORCE STATION	CA99799F583400	C-7-12
FUDS	REDDING ARMY AIRFIELD	CA99799F583600	C-7-12
FUDS	RUSSIAN GULCH CAMP SITE	CA99799F584100	C-7-12
FUDS	SACRAMENTO ENGINEERING DEPOT	CA99799F584200	C-7-12
FUDS	SACRAMENTO MUNICIPAL AIRPORT	CA99799F584300	C-7-12

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FUDS	SALINAS ARMY AIRFIELD	CA99799F584500	C-7-12
FUDS	SALINAS GARRISON	CA99799F584600	C-7-12
FUDS	SAN RAFAEL BIVOUAC AREA	CA99799F584700	C-7-13
FUDS	SAN FRANCISCO AAA BATTERY 12	CA99799F584900	C-7-13
FUDS	SAN FRANCISCO AAA BATTERY 40	CA99799F585000	C-7-13
FUDS	SAN FRANCISCO AAA BATTERY 61-N	CA99799F585100	C-7-13
FUDS	SAN FRANCISCO NIKE BATTERY 25	CA99799F585300	C-7-13
FUDS	SAN FRANCISCO NIKE BATTERY 89	CA99799F585700	C-7-13
FUDS	SAN FRANCISCO NIKE BATTERY 91	CA99799F585800	C-8-9
FUDS	SAN FRANCISCO NIKE BATTERY 93	CA99799F585900	C-7-13
FUDS	SAN FRANCISCO DEFENSE AREA SITE 61-R	CA99799F586000	C-7-13
FUDS	SAN FRANCISCO MUNICIPAL AIRPORT	CA99799F586100	C-7-13
FUDS	SAN FRANCISCO TRANS-OCEANIC RECEIVER STATION SITE	CA99799F586200	C-7-13
FUDS	SHARPE ARMY DEPOT	CA99799F586300	C-7-13
FUDS	SISKIYOU COUNTY AIRPORT	CA99799F586500	C-7-13
FUDS	SOLEDAD PRISONER OF WAR CAMP	CA99799F586600	C-7-13
FUDS	STINSON BEACH FIRE CONTROL STATION	CA99799F587000	C-7-13
FUDS	GRIZZLY CREEK CAMP	CA99799F587200	C-7-10
FUDS	THIRD & ARMY STREET PROPERTY	CA99799F587400	C-7-14
FUDS	THORNTON BEACH MILITARY RESERVATION	CA99799F587500	C-7-14
FUDS	TRACY AUXILIARY FIELD NO. 5	CA99799F587700	C-7-14
FUDS	TRAVIS AFB NIKE BATTERY 10	CA99799F587900	C-7-14
FUDS	TRAVIS AFB NIKE BATTERY 33	CA99799F588000	C-7-14
FUDS	TRAVIS AFB NIKE BATTERY 86	CA99799F588200	C-8-10
FUDS	TURLOCK BOMB LOADING PLANT	CA99799F588400	C-7-14
FUDS	TURLOCK REHABILITATION CENTER	CA99799F588500	C-7-14
FUDS	TWO ROCK RANCH STATION	CA99799F588600	C-7-14
FUDS	U.S. ARMY RESERVE CENTER	CA99799F588800	C-7-14
FUDS	VHF SITE 4K4 MILITARY RESERVATION	CA99799F589200	C-7-14
FUDS	VISALIA ARMY AIRFIELD	CA99799F589500	C-7-15
FUDS	ALMADEN AIR FORCE STATION	CA99799F590000	C-7-8
FUDS	SANTA MONICA MOUNTAINS	CA99799F590100	C-8-10

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FUDS	WINDSOR PRISONER OF WAR LABOR CAMP	CA99799F590400	C-7-15
FUDS	YERBA BUENA ISLAND	CA99799F590600	C-7-15
FUDS	YREKA GAP FILLER ANNEX	CA99799F590700	C-7-15
FUDS	LAWRENCE LIVERMORE NATIONAL LABORATORY	CA99799F590800	C-8-9
FUDS	MOUNT LAGUNA AF STATION	CA99799F590900	C-8-9
FUDS	MIDWAY VILLAGE	CA99799F591100	C-7-11
FUDS	LAKE CHABOT MACHINE GUN RANGE	CA99799F591400	C-7-11
FUDS	GUALALA BOMBING TARGET	CA99799F592800	C-8-8
FUDS	HUNTERS POINT SHIPYARD ANNEX	CA99799F592900	C-7-10
FUDS	NAVAL AUXILIARY AIR STATION HOLLISTER	CA99799F593100	C-7-11
FUDS	JENNER BOMBING TARGET	CA99799F593500	C-7-11
FUDS	ROSEDALE FIELD AND BOMBING TARGET	CA99799F594000	C-7-12
FUDS	MADERA BOMBING RANGE	CA99799F594500	C-6-40
FUDS	NAVAL AIR STATION OAKLAND	CA99799F594600	C-7-11
FUDS	NIRF (UNDERSEA CENTER)	CA99799F594700	C-8-9
FUDS	NAVAL WEAPONS INDUST RES PLT	CA99799F595300	C-8-9
FUDS	NWS SEAL BEACH	CA99799F596000	C-8-9
FUDS	SANTA CATALINA IS BOMBING AREA	CA99799F596300	C-7-13
FUDS	RAMONA BOMBING TARGET/EMERGENY	CA99799F596400	C-7-12
FUDS	SISKIYOU BOMBING RANGE	CA99799F596700	C-6-42
FUDS	STANISLAUS BOMBING TARGET	CA99799F596900	C-7-13
FUDS	TIBURON NAVAL NET DEPOT	CA99799F597000	C-7-14
FUDS	NAVAL MATERIAL REDISTRIBUTIOIN	CA99799F597200	C-8-9
FUDS	NAVAL ORDNANCE LAB	CA99799F597800	C-8-9
FUDS	NAVAL INDUSTRIAL REPAIR FACILITY OAKLAND	CA99799F598000	C-7-12
FUDS	SAN FRANCISCO NIKE BATTERY 31	CA99799F599100	C-8-9
FUDS	MARINE CORPS AIRSTATION MOJAVE	CA99799F599400	C-7-11
FUDS	BEALE AFB TITAN 1-A	CA99799F599600	C-7-9
FUDS	BEALE AFB TITAN 1-C	CA99799F599700	C-7-9
FUDS	UCSD (CAMP MATTHEWS)	CA99799F599800	C-6-44
FUDS	CORONA ANNEX	CA99799F599900	C-8-8
FUDS	BROWN FIELD BOMBING RANGE	CA99799F600000	C-7-9

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FUDS	NAVAL AUXILIARY AIR STATION SANTA ROSA	CA99799F600100	C-7-11
FUDS	BRAZIL STREET DEPOT	CA99799F600200	C-7-9
FUDS	D-Q UNIVERSITY	CA99799F600300	C-7-10
FUDS	NAVAL AUXILIARY AIR STATION MONTEREY	CA99799F600400	C-7-11
FUDS	ONTARIO ARMY AIRFIELD	CA99799F686800	C-7-12
FUDS	CAMP SAN LUIS OBISPO	CA99799F688000	80, C-6-36
FUDS	AMPHIBIOUS TRAINING BASE	CA99799F688500	C-8-7
FUDS	MILL VALLEY AFB	CA99799F688800	C-7-11
FUDS	FORT BARRY	CA99799F689300	C-6-38
FUDS	FORT CRONKHITE	CA99799F689700	C-7-10
FUDS	SAN FRANCISCO NIKE BATTERY 51 SWEENEY RIDGE	CA99799F690100	C-7-13
FUDS	SANTA BARBARA MUN AIRPORT	CA99799F691200	C-7-13
FUDS	UNIV OF CAL, SANTA BARBARA	CA99799F691300	C-7-14
FUDS	SANTA ROSA FEDERAL CENTER	CA99799F691700	C-7-13
FUDS	CAMP ROBERTS	CA99799F691900	C-8-8
FUDS	(CAFS) FAMILY HOUSING	CA99799F694000	C-8-7
FUDS	MARINE CORPS LOGISTICS BASE, BARSTOW	CA99799F695100	C-7-11
FUDS	DEL MAR ARMY BASE	CA99799F711800	C-7-10
FUDS	BOMB TARGET NO. 5 HOLLISTER	CA99799F727600	C-7-9
FUDS	WILSON PARK DAVIS COMMUNICATION ANNEX	CA99799F728500	C-7-15
FUDS	CAMP BEALE	CA99799F736400	C-7-9
FUDS	CAMP MANZANAR	CA99799F743900	C-8-8
FUDS	MT. WHITNEY MILITARY RESERVATION	CA99799F744000	C-8-9
FUDS	NAVY SECTION BASE	CA99799F744100	C-8-9
FUDS	BOMBING TARGET (SAN FELIPE)(#67)	CA99799F753600	C-7-9
FUDS	BOMBING TARGETS IMPERIAL DUNES	CA99799F753700	C-8-7
FUDS	BOMBING TARGET YUMA RECLAMATION PROJECT	CA99799F753800	C-7-9
FUDS	EL CENTRO ROCKET TARGET NO.1 (#92)	CA99799F753900	C-6-38
FUDS	EL CENTRO ROCKET TARGET NO. 2 (#93)	CA99799F754000	C-7-10
FUDS	ACCESS ROAD FOR EL CENTRO ROCKET TARGETS	CA99799F754100	C-8-7
FUDS	EL CENTRO BOMBING TARGET SITE (GILBY)(#69)	CA99799F754300	C-7-10
FUDS	WINONA BT 1 (#90)	CA99799F755200	C-7-15

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FUDS	WINONA BT 2 (#91)	CA99799F755300	C-7-15
FUDS	HOLTVILLE TARGET (BT) NO.3	CA99799F755600	C-7-10
FUDS	HOLTVILLE ROCKET TARGET 1R (#94)	CA99799F755700	C-7-10
FUDS	KANE SPRINGS SBT (#62)	CA99799F755800	C-7-11
FUDS	BOMB TARGET (#78)	CA99799F755900	C-7-9
FUDS	BOMB TARGET (#79)	CA99799F756000	C-7-9
FUDS	SALTON SEA BOMB TARGET(9)(#50)	CA99799F756300	C-7-13
FUDS	SALTON SEA BOMB TARGET(10)(#51)	CA99799F756400	C-7-13
FUDS	SALTON SEA BOMB TARGET (FBT 11)(#52)	CA99799F756500	C-7-12
FUDS	SALTON SEA BOMB TARGET(FBT 12)(#53)	CA99799F756600	C-7-13
FUDS	SALTON SEA BOMB TARGET(FBT 13)(#54)	CA99799F756700	C-7-13
FUDS	SALTON SEA BOMB TARGET(FBT 14)(#55)	CA99799F756800	C-7-13
FUDS	SALTON SEA BOMB TARGET (FBT 15)(#56)	CA99799F756900	C-7-12
FUDS	SALTON SEA BOMB TARGET (FBT 16)(#57)	CA99799F757000	C-7-12
FUDS	SALTON SEA BOMB TARGET(FBT 17)(#58)	CA99799F757100	C-7-13
FUDS	SALTON SEA BOMB TARGET(FBT 18)(#59)	CA99799F757200	C-7-13
FUDS	SALTON SEA BOMB TARGET(FBT 19)(#60)	CA99799F757300	C-7-13
FUDS	SALTON SEA SKIP BOMB TARGET (#61)	CA99799F757400	C-7-13
FUDS	PRESUMED BOMBING SITE SAFETY AREA	CA99799F758000	C-7-12
FUDS	BORREGO SPRINGS	CA99799F774300	C-6-32
FUDS	PYRITE CANYON	CA99799F788600	C-8-9
FUDS	CARRIZO IMPACT AREA	CA99799F798100	C-6-37
FUDS	VICTORVILLE AIR FORCE BASE	CA99799F805800	C-8-10
FUDS	UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA99799F810900	C-8-10
FUDS	CAMP GRANITE	CA99799F813200	C-8-8
FUDS	BORDER FIELD STATE PARK	CA99799F813400	C-6-32
FUDS	FRENCHMAN CREEK CAMP	CA99799F824400	C-7-10
FUDS	NAVAL AUXILIARY LANDING FIELD CROWS LANDING	CA99799F833100	C-7-12
FUDS	HANFORD CHEMICAL WARFARE SERVICE WAREHOUSE	CA99799F863600	C-7-10
FUDS	SUNNYVALE ORDNANCE DEPOT	CA99799F863700	C-7-13
FUDS	EMERYVILLE ORDNANCE DEPOT	CA99799F863800	C-7-10

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FUDS	FORT MASON	CA99799F868500	C-7-10
FUDS	FORT BAKER	CA99799F868600	C-6-38
FUDS	HAMILTON ARMY AIRFIELD	CA99799F902400	C-6-39, C-7-10
FUDS	CAMP KOHLER	CA99799F906600	C-7-9
FUDS	TULE LAKE PRISONER OF WAR CAMP	CA99799F914800	C-7-14
FUDS	FARALLON ISLANDS	CA99799F917400	C-7-10
FUDS	NAVAL AUXILIARY AIR STATION WATSONVILLE	CA99799F962800	C-7-12
FUDS	ADVANCED BASE DEPOT-RIFLE RANGE	CA99799F978400	C-7-8
FUDS	CAMP LOCKETT	CA99799F979900	C-6-35
FUDS	FORT FUNSTON	CA99799F986100	C-7-10
FUDS	GRANITE CANYON MARINE LABORATORY	CA99799F988900	C-8-8
FUDS	HAMILTON ARMY AIRFIELD PHASE II IN HOUSE	CA99799F990300	C-8-8
FUDS	HAMILTON ARMY AIRFIELD PHASE II CONTRACT	CA99799F990400	C-8-8
FUDS	NAVAL DIRECTION FINDER	CA99799F991400	C-8-9
FUDS	NAVAL AIR BASE	CA99799F993700	C-8-9
FUDS	IRVINE PARK- ARMY CAMP	CA99799F995200	C-7-11
FUDS	COAST ARTILLERY CAMP	CA99799F997600	C-8-8
FUDS	MARCH FIELD	CA99799F999100	C-7-11
FUDS	CAMP IRWIN	CA99799FA01300	C-8-8
FUDS	NAVAL ORDNANCE TEST STATION	CA99799FA03300	C-8-9
FUDS	NAVAL AIR STATION	CA99799FA03700	C-8-9
FUDS	LINDA VISTA VALLEY AUX. LANDING FIELD- NAVY	CA99799FA05900	C-7-11
FUDS	NAVY DIRIGIBLE BASE	CA99799FA06000	C-8-9
FUDS	CAMP PENDLETON- MARINE CORPS	CA99799FA06100	C-6-35
FUDS	CAMP VISTA- ARMY	CA99799FA06500	C-8-8
FUDS	MARINE PARACHUTE SCHOOL LA MESA	CA99799FA06700	C-7-11
FUDS	EL CENTRO MARINE CORPS AIR STATION	CA99799FA07400	C-8-8
FUDS	NAVAL AUXILIARY AIR STATION	CA99799FA07800	C-7-11
FUDS	SECTION, SEAPLANE, LIGHTER THAN AIR BASE	CA99799FA12700	C-7-13
FUDS	GIBSON REDWOOD CITY	CA99799FA20200	C-8-8
FUDS	MONTEZUMA SLOUGH	CA99799FA20500	C-7-11
FUDS	CATALINA TRAINING BASE	CA99799FA23400	C-8-8

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FUDS	BASIC TRAINING CENTER NO. 8	CA99799FA26100	C-7-8
FUDS	MOJAVE GUNNERY RANGE	CA99799FA26200	C-6-41
FUDS	GUSTINE BOMBING RANGE	CA99799FA29700	C-7-10
FUDS	TUBBS ISLAND	CA99799FA29800	C-6-44
FUDS	DRAKES BAY RANGE	CA99799FA29900	C-6-37
FUDS	BODEGA HEAD GUNNERY RANGE	CA99799FA30000	C-7-9
FUDS	NAVAL AUXILIARY AIR STATION VERNALIS	CA99799FA30300	C-7-12
FUDS	LIVERMORE NAVY AUXILIARY FIELD	CA99799FA30500	C-7-11
FUDS	LIVERMORE GUNNERY RANGE	CA99799FA30600	C-7-11
FUDS	TRINIDAD BOMBING TARGET	CA99799FA30700	C-7-14
FUDS	PETALUMA BOMBING TARGET	CA99799FA30800	C-7-12
FUDS	CHEMEHUEVI INDIAN RESERVATION	CA99799FA32400	C-8-8
FUDS	CONDOR FIELD #3	CA99799FA32600	C-7-10
FUDS	CONDOR FIELD #4	CA99799FA32700	C-7-10
FUDS	SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #1	CA99799FA32900	C-7-13
FUDS	SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #2	CA99799FA33000	C-7-13
FUDS	VICTORVILLE PBR Z	CA99799FA33300	C-7-15
FUDS	CLARK'S PASS	CA99799FA33500	C-7-10
FUDS	FORT MOJAVE RESERVATION	CA99799FA35800	C-7-10
FUDS	CHINO PRISONER OF WAR CAMP - ARMY	CA99799FA38400	C-8-8
FUDS	MARCH AFB - POORMAN GUNNERY RANGE	CA99799FA42700	C-7-11
FUDS	TEMECULA BOMBING RANGE #1	CA99799FA47700	C-6-43
FUDS	TEMECULA BOMBING RANGE #2	CA99799FA47800	C-7-14
FUDS	WILSHIRE OIL CO.	CA99799FA48700	C-7-15
FUDS	PRC-PATTERSON INCORPORATED	CA99799FA49100	C-8-9
FUDS	TEMECULA BOMB TARGET #107	CA99799FA49400	C-7-13
FUDS	NAVAL OUTER LANDING FIELD COTATI	CA99799FA49500	C-8-9
FUDS	VERNALIS BOMB TARGET NO. 6	CA99799FA49800	C-7-14
FUDS	VERNALIS DIVE BOMB NO. 7	CA99799FA49900	C-6-44
FUDS	MORRO BAY-SAN SIMEON MANEUVER AREA	CA99799FA50200	C-8-9
FUDS	MODOC AERIAL GUNNERY AND BOMBING RANGE	CA99799FA50300	C-6-41
FUDS	HOLTVILLE ROCKET TARGET RANGE	CA99799FA50500	C-7-10

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FUDS	PARKS AFB	CA99799FA50600	C-7-12
FUDS	CORN SPRINGS GAP FILLER ANNEX SM-16	CA99799FA50700	C-8-8
FUDS	ORDNANCE PLAN	CN99799F240600	C-6-134
FUDS	QUARTERMASTER STATION	CN99799F372400	C-8-45
FUDS	KAGMAN CAVES	CN99799F372500	C-8-45
FUDS	NAFTAN ORDNANCE DISPOSAL	CN99799F372600	C-7-44
FUDS	KAGMAN AIRFIELD	CN99799F372700	C-8-45
FUDS	NORTH FIELD	CN99799F372900	C-6-133
FUDS	HOSPITAL DUMP SITE	CN99799F373100	C-7-44
FUDS	GARAPAN FUEL PIPELINE	CN99799F373200	C-8-45
FUDS	AMERICAN MEMORIAL PARK	CN99799F373300	C-7-44
FUDS	NAFTAN BOMB STORAGE	CN99799F692900	C-6-133
FUDS	ISLEY FIELD	CN99799F693000	C-8-45
FUDS	TANAPAG VILLAGE PCB CONTAMINATION	CN99799F711900	C-8-45
FUDS	MARPI POINT FIELD	CN99799F737700	C-7-44
FUDS	EDONI SITE	CN99799F739100	C-7-44
FUDS	KOBLER NAVAL SUPPLY CENTER	CN99799F844500	C-7-44
FUDS	TANAPAG FUEL FARM	CN99799F947300	C-7-44
FUDS	ISLAND OF ROTA	CN99799F965900	C-6-133
FUDS	CHALAN KANOVA ELEMENTARY SCHOOL	CN99799F966200	C-8-45
FUDS	SURPLUS AREA - WEST FIELD	CN99799F990100	C-8-45
FUDS	DENVER ORD PLANT	CO89799F051200	C-8-10
FUDS	CAMP HALE	CO89799F051300	C-6-48
FUDS	F.E. WARREN AFB AF FAC - SITE 10	CO89799F051400	C-8-10
FUDS	BUCKLEY FIELD	CO89799F051500	C-6-47
FUDS	FE WARREN AFB FAC SITE 9	CO89799F052400	C-8-10
FUDS	FE WARREN AFB FAC SITE 11	CO89799F052500	C-7-15
FUDS	FE WARREN AFB FAC SITE 12	CO89799F052700	C-7-15
FUDS	FE WARREN AFB FAC SITE 13	CO89799F052800	C-7-15
FUDS	FT CARSON MANEUVER AREA	CO89799F053000	C-7-15
FUDS	AIR FORCE FINANCE & ACCOUNTING CENTER	CO89799F053200	C-8-10
FUDS	CRAIG ARMY NATL GUARD TRG SITE	CO89799F055500	C-8-10

DoD Component	Installation Name	FFID	Page
FUDS	FORT LOGAN	C089799F057100	C-8-10
FUDS	GRANADA REL CENTER	C089799F057200	C-8-10
FUDS	LAJUNTA ARMY AIR FIELD	C089799F057500	C-7-15
FUDS	MONTROSE NATIONAL GUARD TARGET RANGE	C089799F057800	C-8-10
FUDS	PUEBLO AIR TI GROUND GUN RGE	C089799F058200	C-6-48
FUDS	PUEBLO ARMY AIR FIELD	C089799F058300	C-8-11
FUDS	PUEBLO PRE BOMB RGE #1	C089799F058500	C-7-15
FUDS	PUEBLO PRE BOMB RGE #2	C089799F058600	C-6-48
FUDS	TRINIDAD AIR TO AIR GUNNERY RGE	C089799F058800	C-6-49
FUDS	BUCKLEY FIELD ARC TR CTR	C089799F059700	C-8-10
FUDS	LOWRY AFB S-1 (COMPLEX 1A)	C089799F694200	C-8-10
FUDS	LOWRY AFB S-1 (COMPLEX 1B)	C089799F694300	C-7-15
FUDS	LOWRY AFB S-1 (COMPLEX 1C)	C089799F694400	C-7-15
FUDS	LOWRY AFB S-2 (COMPLEX 2C)	C089799F694600	C-7-15
FUDS	LOWRY AFB S-3 (COMPLEX 2B)	C089799F694700	C-7-15
FUDS	NIKE 04	CT19799F173600	C-8-12
FUDS	NIKE 08	CT19799F173700	C-8-12
FUDS	REHAB CNTR	CT19799F173800	C-8-12
FUDS	NIKE BR-65	CT19799F174000	C-8-12
FUDS	NIKE BR-23	CT19799F174100	C-8-12
FUDS	NIKE HA-25	CT19799F174200	C-8-12
FUDS	NIKE 48	CT19799F174400	C-8-12
FUDS	NIKE HA-67	CT19799F174500	C-8-12
FUDS	PRATT & WHITNEY PLANCOR	CT19799F174800	C-8-12
FUDS	BRADLEY MILITARY AF	CT19799F175000	C-8-11
FUDS	NEW HAV ARMY AF	CT19799F175700	C-8-12
FUDS	BOMBING AREA (CT)	CT19799F176700	C-7-16
FUDS	PINE ISL BAT SITE	CT19799F676800	C-8-12
FUDS	POSHEN PT AMTB 914	CT19799F810600	C-8-12
FUDS	FORT GRISWOLD	CT19799F869700	C-8-12
FUDS	FORT HALE	CT19799F903300	C-8-12
FUDS	RENTSCHLER FIELD	CT19799F903500	C-8-12

DoD Component	Installation Name	FFID	Page
FUDS	BRAINARD FIELD	CT19799F903600	C-8-11
FUDS	CAMP SIMMS MILITARY RESERVATION	DC39799F131200	C-8-13
FUDS	AAA FORT RENO	DC39799F131300	C-8-13
FUDS	FORT DUPONT PARK SITE	DC39799F131800	C-8-13
FUDS	NAVAL STATION, ANACOSTIA ANNEX	DC39799F132900	C-8-13
FUDS	WASHINGTON NAVY YARD	DC39799F133200	C-8-13
FUDS	CATHOLIC UNIVERSITY RESEARCH STATION	DC39799F812500	C-8-13
FUDS	SPRING VALLEY	DC39799F833000	C-6-52
FUDS	CHAIN BRIDGE	DC39799F926900	C-8-13
FUDS	DIAMOND ORDNANCE FUZE LABORATORY	DC39799F928300	C-8-13
FUDS	FORT BAKER	DC39799F973900	C-8-13
FUDS	FORT BAYARD	DC39799F974000	C-8-13
FUDS	FORT BUNKER HILL	DC39799F974100	C-8-13
FUDS	FORT CHAPLIN	DC39799F974200	C-8-13
FUDS	FORT DAVIS	DC39799F974400	C-8-13
FUDS	FORT DERUSSY	DC39799F974500	C-8-13
FUDS	FORT GREBLE	DC39799F974600	C-8-13
FUDS	FORT KEARNY	DC39799F974700	C-8-13
FUDS	FORT LINCOLN	DC39799F974900	C-8-13
FUDS	FORT MAHAN	DC39799F975000	C-8-13
FUDS	FORT RICKETTS	DC39799F975300	C-8-13
FUDS	FORT SLEMMER	DC39799F975500	C-8-13
FUDS	FORT SLOCUM	DC39799F975600	C-8-13
FUDS	FORT SNYDER	DC39799F975700	C-8-13
FUDS	FORT STANTON	DC39799F975800	C-8-13
FUDS	FORT STEVENS	DC39799F975900	C-8-13
FUDS	FORT TOTTEN	DC39799F976200	C-8-13
FUDS	FORT WAGNER	DC39799F976300	C-8-13
FUDS	FORT MILES MILITARY RESERVATION	DE39799F133300	C-7-16
FUDS	DELAWARE TARGET AREAS	DE39799F133400	C-7-16
FUDS	DOVER AFB PRECISION BOMB RANGE	DE39799F133500	C-7-16
FUDS	FORT DELAWARE (PEA PATCH ISLAND)	DE39799F134100	C-8-12

DoD Component	Installation Name	FFID	Page
FUDS	GOVERNOR BACON HEALTH CENTER	DE39799F134200	C-7-16
FUDS	LENAPE ORD MOD CNTR	DE39799F134400	C-8-12
FUDS	DOVER SURVIVAL TRAINING ANNEX	DE39799F135800	C-6-51
FUDS	NEW CASTLE AAF	DE39799F135900	C-7-16
FUDS	DRAVO CORPORATION	DE39799F136400	C-8-12
FUDS	NIKE HM-69 EVERGLADES	FL49799F433100	C-8-15
FUDS	CAMP BLANDING	FL49799F434300	C-6-57
FUDS	ORLANDO EXECUTIVE AIRPORT	FL49799F434500	C-7-19
FUDS	KAY LARKIN AIRPORT	FL49799F434800	C-7-18
FUDS	FORT DADE	FL49799F435100	C-8-14
FUDS	RICHMOND NAS	FL49799F435600	C-7-19
FUDS	FORT PICKENS	FL49799F436000	C-6-58
FUDS	ST GEORGE ISLAND BOMB RANGE	FL49799F436100	C-6-60
FUDS	BROOKSVILLE AAF	FL49799F436300	C-7-18
FUDS	BUSHNELL ARMY AIRFIELD	FL49799F436400	C-7-18
FUDS	WITHLACOCHEE AF	FL49799F436500	C-7-19
FUDS	FT JEFFERSON NATIONAL MONUMENT	FL49799F436600	C-8-14
FUDS	PAGE FIELD MIL RESERVATION	FL49799F436700	C-7-19
FUDS	LEE FIELD	FL49799F436800	C-7-19
FUDS	CAMP MURPHY	FL49799F436900	C-7-18
FUDS	ZEPHYR HILLS CITY AIRPORT	FL49799F437400	C-7-19
FUDS	BASCOM AUX FIELD 3	FL49799F437600	C-8-14
FUDS	BOCA RATON AAF	FL49799F439200	C-7-18
FUDS	ALACHUA AAF	FL49799F439600	C-7-17
FUDS	CHAPMAN FIELD	FL49799F439700	C-8-14
FUDS	CROSS CITY AAF	FL49799F439900	C-7-18
FUDS	USAF RESERVE FERNANDINA	FL49799F440200	C-8-15
FUDS	FT MYERS BOMB & GUN RANGE	FL49799F440300	C-6-58
FUDS	HENDRICKS AAF	FL49799F440400	C-7-18
FUDS	KEYSTONE AAF	FL49799F440800	C-8-15
FUDS	LAKE BRYANT BOMB & GUNNERY RANGE	FL49799F441100	C-6-59
FUDS	LAKELAND AAF	FL49799F441300	C-7-18

DoD Component	Installation Name	FFID	Page
FUDS	LEESBURG AAF	FL49799F441400	C-8-15
FUDS	MARQUESAS KEY CWS	FL49799F441500	C-8-15
FUDS	WILLISTON MUN AIRPORT	FL49799F441700	C-8-15
FUDS	AIR-TO-GROUND GUN RANGE IN BRONSON	FL49799F441800	C-6-56
FUDS	RIFLE RANGE MORRISON AAF	FL49799F441900	C-7-19
FUDS	MULLET KEY BOMB & GUN RANGE	FL49799F442000	C-7-19
FUDS	PINELLAS AAF	FL49799F442400	C-7-19
FUDS	PINELLAS PRACTICE BOMB RANGE	FL49799F442500	C-7-19
FUDS	SOPCHOPPY PRECISION BOMB RANGE	FL49799F442800	C-7-19
FUDS	SARASOTA AAF	FL49799F442900	C-7-19
FUDS	FORT TAYLOR	FL49799F444700	C-7-18
FUDS	MELBOURNE HELIUM ANNEX	FL49799F445900	C-8-15
FUDS	USAF VALKARIA MIS AX	FL49799F446700	C-8-15
FUDS	FT LAUDERDALE HOUSING	FL49799F446900	C-7-18
FUDS	MIAMI INT'L AIRPORT	FL49799F448700	C-7-19
FUDS	OPA LOCKA AIRPORT	FL49799F449300	C-6-59
FUDS	USAF IMESON AIRPORT	FL49799F450300	C-8-15
FUDS	USAF AVON PARK RANGE	FL49799F450500	C-6-61
FUDS	DREW FIELD	FL49799F450600	C-7-18
FUDS	NIKE HM-40 USAF HOMESTEAD	FL49799F452900	C-8-15
FUDS	MCCOY AFB	FL49799F453600	C-7-19
FUDS	PALM BEACH AFB	FL49799F455000	C-7-19
FUDS	AIR-TO-GROUND GUN RANGE PINELLAS	FL49799F455300	C-8-14
FUDS	INDIAN ROCKS AWS STATION 27	FL49799F455500	C-8-15
FUDS	BARTOW ARMY AIRFIELD	FL49799F455600	C-7-17
FUDS	USAF PONCE DE LEON ANX	FL49799F456300	C-8-15
FUDS	FT PIERCE NAVAL AMPH BASE	FL49799F461400	C-7-18
FUDS	AF PLANT NO 74	FL49799F461800	C-8-14
FUDS	BROOKSVILLE TURRET GUNNERY RANGE	FL49799F462600	C-6-57
FUDS	DELAND NAVAL TRAINING CENTER	FL49799F462700	C-8-14
FUDS	ELLYSON (SITE 5) OLF	FL49799F463400	C-8-14
FUDS	SPENCER BOMB TARGET SITE	FL49799F464000	C-7-19

DoD Component	Installation Name	FFID	Page
FUDS	SWITZERLAND BOMB TARGET	FL49799F464400	C-7-19
FUDS	NAVAL INDUST RES SHIPYARD	FL49799F465400	C-8-15
FUDS	LAKE CITY NAAS	FL49799F465800	C-7-18
FUDS	VERO BEACH NAVAL AIR STATION	FL49799F466300	C-7-19
FUDS	CHAFEE BOMB TARGET	FL49799F466700	C-7-18
FUDS	SANFORD AIRPORT	FL49799F467500	C-7-19
FUDS	CORRY ST USN TECH TRAINING	FL49799F467900	C-7-18
FUDS	BLACK CREEK BOMB TARGET	FL49799F468900	C-7-18
FUDS	KEYSTONE BOMB TARGET	FL49799F469000	C-7-18
FUDS	BELL TARGET	FL49799F469100	C-7-17
FUDS	CUMMER FIELD TARGET	FL49799F469200	C-8-14
FUDS	BAKER TARGET	FL49799F469300	C-7-17
FUDS	MANNING TARGET	FL49799F469400	C-7-19
FUDS	26-MILE BEND BOMB TARGET	FL49799F469800	C-7-17
FUDS	STIRLING BOMB TARGET	FL49799F469900	C-8-15
FUDS	DAVIE FIELD TARGET	FL49799F470000	C-8-14
FUDS	CLAY BOMB TARGET	FL49799F470300	C-7-18
FUDS	LAKE DISSTON TARGET	FL49799F470500	C-7-18
FUDS	VERO BEACH TARGET 1	FL49799F470600	C-7-19
FUDS	FULLERVILLE TARGET	FL49799F471000	C-7-18
FUDS	HOLOPAW BOMB TARGET	FL49799F471100	C-8-15
FUDS	BOSTWICK BOMB TARGET	FL49799F471200	C-7-18
FUDS	TAMPA NAVAL INDUST RES SHIPYARD	FL49799F471600	C-8-15
FUDS	TRUMBO POINT NAS ANNEX	FL49799F471900	C-8-15
FUDS	LODWICK FIELD	FL49799F472000	C-8-15
FUDS	NEW SMYRNA BEACH MUN AIRPORT	FL49799F472100	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 1	FL49799F713300	C-7-18
FUDS	FT LAUDERDALE BOMB TARGET 2	FL49799F713400	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 3	FL49799F713500	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 4	FL49799F713600	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 5	FL49799F713700	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 6	FL49799F713800	C-8-15

DoD Component	Installation Name	FFID	Page
FUDS	FT LAUDERDALE BOMB TARGET 7	FL49799F713900	C-8-15
FUDS	FT LAUDERDALE BOMB TARGET 8	FL49799F714000	C-8-15
FUDS	FT LAUDERDALE N STRAFING TARGET	FL49799F714200	C-7-18
FUDS	FT LAUDERDALE S STRAFING TARGET	FL49799F714300	C-7-18
FUDS	CAMP GORDON JOHNSTON	FL49799F715100	C-6-57
FUDS	CAMPVILLE SATELLITE FIELD	FL49799F715200	C-8-14
FUDS	CARLSTROM FIELD	FL49799F715400	C-8-14
FUDS	CAYO COSTA MIL RESERVATION	FL49799F715500	C-7-18
FUDS	DALE MABRY AAF	FL49799F715800	C-7-18
FUDS	FORT CLINCH	FL49799F716500	C-7-18
FUDS	JACKSONVILLE SMALL ARMS RANGE	FL49799F717600	C-7-18
FUDS	LAKE HANCOCK SMALL ARMS & BOMBING	FL49799F718000	C-7-18
FUDS	LAKELAND SMALL ARMS RANGE	FL49799F718100	C-7-18
FUDS	LEESBURG AIR SERVICE CENTER	FL49799F718400	C-7-19
FUDS	LONG BOAT KEY BOMB & GUN RANGE	FL49799F718600	C-7-19
FUDS	MILE BRANCH SATELLITE	FL49799F719900	C-8-15
FUDS	MILL COVE BOMBING SITE	FL49799F720000	C-7-19
FUDS	NAS DAYTONA BEACH	FL49799F720400	C-7-19
FUDS	NAS MELBOURNE	FL49799F720500	C-7-19
FUDS	ORLANDO RANGE AND CHEMICAL YARD	FL49799F721500	C-7-19
FUDS	OSPREY BOMBING RANGE	FL49799F721700	C-7-19
FUDS	PASSAGE KEY AIR-TO-GROUND GUN	FL49799F722000	C-7-19
FUDS	PERRY BOMBING RANGE	FL49799F722200	C-6-60
FUDS	PINECASTLE JEEP RANGE	FL49799F722400	C-6-60
FUDS	SARASOTA AAF SMALL ARMS RANGE	FL49799F723100	C-7-19
FUDS	ST AUGUSTINE SAT FIELD	FL49799F723400	C-7-19
FUDS	CHICOPIT BOMB TARGET	FL49799F723500	C-7-18
FUDS	VENICE BOMBING RANGE	FL49799F724400	C-7-19
FUDS	CHASSAHOWITZKA	FL49799F805000	C-8-14
FUDS	ELLYSON FIELD	FL49799F839600	C-7-18
FUDS	GUN RANGE SUNNY ISLES	FL49799F856900	C-7-18
FUDS	LONG KEY GAP FILLER	FL49799F858800	C-8-15

DoD Component	Installation Name	FFID	Page
FUDS	OKESIANIA ATG GUN RANGE	FL49799F918100	C-7-19
FUDS	GLADE CREST AIR-TO-GROUND BOMB RANGE	FL49799F918200	C-6-58
FUDS	ALLIGATOR BOMB TARGET	FL49799F918500	C-7-17
FUDS	MOSQUITO LAGOON TARGET	FL49799F919200	C-7-19
FUDS	MELBOURNE BOMB & GUN RANGE	FL49799F920900	C-7-19
FUDS	DINNER KEY NAVAL AIR FAC	FL49799F922000	C-8-14
FUDS	NAVAL RESERVE ARMORY JACKSONVILLE	FL49799F922100	C-8-15
FUDS	RIVERSIDE TRAIN AREA	FL49799F923000	C-8-15
FUDS	VERO BEACH TARGET NO 2	FL49799F924300	C-7-19
FUDS	CROSS CITY TARGET RGE	FL49799F967300	C-7-18
FUDS	DADE BOMBING RANGE	FL49799F967400	C-7-18
FUDS	ESTRO ISLAND DOCKS	FL49799F967500	C-8-14
FUDS	LAKE PALESTINE TARGET	FL49799F968400	C-7-18
FUDS	LAKE WILMINGTON TARGET	FL49799F968500	C-6-59
FUDS	LAKE WEIR BOMB TARGET	FL49799F968600	C-7-18
FUDS	LAKE WOODRUFF TARGET	FL49799F968700	C-7-18
FUDS	OTTER KEY BOMB TARGET	FL49799F969000	C-7-19
FUDS	ARMY AIR-TO-GROUND GUNNERY STRAFING TARGET	FL49799FA15600	C-7-17
FUDS	CHICKAMAUGA	GA49799F472300	C-8-16
FUDS	CAMP WHEELER	GA49799F472700	C-6-63
FUDS	AUGUSTA ARSENAL	GA49799F472800	C-8-16
FUDS	CP TOCCOA MIL RES	GA49799F473000	C-7-20
FUDS	FORT SCREVEN	GA49799F473200	C-8-16
FUDS	HARRIS NECK NWR	GA49799F473400	C-7-20
FUDS	NIKE 88	GA49799F473900	C-7-20
FUDS	TURNER AIR FORCE BASE	GA49799F474900	C-7-20
FUDS	TURNER AFB NIKE BAT#79	GA49799F475100	C-8-16
FUDS	BAT GENERAL HOSPITAL	GA49799F476900	C-8-16
FUDS	FINNEY GENERAL HOSP	GA49799F477000	C-8-16
FUDS	BRIDGEBORO GAP FIL ANX	GA49799F477800	C-8-16
FUDS	ELBERTON GFA	GA49799F478000	C-8-16
FUDS	STATEBORO AAF	GA49799F479100	C-8-16

DoD Component	Installation Name	FFID	Page
FUDS	NIKE BAT28,ROB AFB DEF	GA49799F479300	C-8-16
FUDS	BAINBRIDGE AAF	GA49799F479500	C-8-16
FUDS	TRAVIS FIELD	GA49799F480300	C-8-16
FUDS	COCHRAN FLD	GA49799F480400	C-7-20
FUDS	WAYCROSS AAF	GA49799F480800	C-7-20
FUDS	FLINTSTONE AFS	GA49799F480900	C-8-16
FUDS	MACON ORDNANCE PLANT	GA49799F481100	C-7-20
FUDS	GLYNCO NAS	GA49799F481300	C-7-20
FUDS	NAS ATLANTA	GA49799F481800	C-7-20
FUDS	NOP MILLEDGEVILLE	GA49799F482000	C-8-16
FUDS	CP GORDON	GA49799F482100	C-8-16
FUDS	HERBERT SMART AIRPORT	GA49799F789300	C-8-16
FUDS	THOMASVILLE B&G RANGE	GA49799F806200	C-6-64
FUDS	CWM BURIAL SITE	GA49799F811700	C-8-16
FUDS	CAMP GORDON ART RANGE	GA49799F816100	C-6-63
FUDS	CAMP GORDON RIFLE RNGE	GA49799F816200	C-7-20
FUDS	DANIEL FIELD	GA49799F827300	C-7-20
FUDS	KENNESAW MOUNTAIN ARTILLERY RANGE	GA49799F827400	C-8-16
FUDS	ARABIA MT STATE PARK	GA49799F937400	C-8-16
FUDS	AUGUSTA ARSENAL DEPOT	GA49799F987900	C-7-20
FUDS	WAR IN PACIFIC-GUAM	GM99799F373400	C-8-17
FUDS	HARMON QUARRY	GM99799F373700	C-8-17
FUDS	TUMON GUN SITE	GM99799F373900	C-8-17
FUDS	GUAM ADVENTIST ACADEMY	GM99799F374300	C-8-17
FUDS	GUAM SITE 1	GM99799F374400	C-6-67
FUDS	IBANEZ/GUERRERO PROPERTIES	GM99799F374600	C-7-21
FUDS	U.S. NAVAL HOSPITAL	GM99799F943800	C-8-17
FUDS	MIYAMA HILLS	GM99799F965000	C-6-68
FUDS	ASAN POINT TANK FARM	GM99799F965100	C-7-21
FUDS	AREA 101	GM99799F984700	C-6-66
FUDS	AREA 106	GM99799F984900	C-6-66
FUDS	AREA 108	GM99799F985000	C-6-67

DoD Component	Installation Name	FFID	Page
FUDS	CASCADA COUNTRY CLUB	GM99799F985100	C-6-67
FUDS	LONFIT PLANNING PROJECT	GM99799F985200	C-6-68
FUDS	5TH FIELD MARINE SUPPLY DEPOT	GM99799F985400	C-8-17
FUDS	HICKAM MIL AF	HI99799F375000	C-7-22
FUDS	AHUKINI	HI99799F375800	C-7-21
FUDS	AIEA MILITARY RESERVATION	HI99799F375900	C-7-21
FUDS	AIEA AAA COMMAND POST	HI99799F376000	C-8-17
FUDS	ARMY IMPACT RANGE	HI99799F376600	C-7-21
FUDS	BATTERY AVERY J. COOPER	HI99799F378500	C-8-17
FUDS	BATTERY GEORGE W. RICKER	HI99799F379100	C-8-17
FUDS	COCONUT ISLAND	HI99799F380100	C-8-18
FUDS	DILLINGHAM AIR FORCE BASE	HI99799F380800	C-7-21
FUDS	DIV CAMP SITE & TRAINING	HI99799F381200	C-7-21
FUDS	ENGINEER BASE YARD	HI99799F381700	C-7-22
FUDS	FORT BARRETTE	HI99799F382800	C-8-18
FUDS	FORT RUGER	HI99799F383100	C-8-18
FUDS	FRENCH FRIGATE SHOAL	HI99799F383500	C-8-18
FUDS	GUN BATTERY	HI99799F383700	C-7-22
FUDS	GUNNERY SITE	HI99799F383800	C-8-18
FUDS	HALEIWA LANDING FIELD	HI99799F384400	C-7-22
FUDS	HEEIA FIRE CONTROL STA	HI99799F385800	C-7-22
FUDS	HEEIA COMBAT TRAINING CAMP	HI99799F385900	C-6-74
FUDS	HAIKU RADIO STATION	HI99799F386000	C-8-18
FUDS	HILO RESEARCH SITE	HI99799F386300	C-8-18
FUDS	SAKE BREWERY & ICE CO	HI99799F386700	C-8-18
FUDS	KAENA POINT MILITARY RES	HI99799F387800	C-8-18
FUDS	KAHUKU TRAINING CAMP	HI99799F388300	C-6-75
FUDS	KAMAOLE TRAINING BASE	HI99799F389500	C-7-22
FUDS	KA'U BOMBING RANGE	HI99799F390400	C-6-75
FUDS	KILAUEA RADAR STATION	HI99799F391800	C-7-22
FUDS	KOKEE STATE PARK	HI99799F392100	C-7-22
FUDS	LANAI RADAR STATION	HI99799F393700	C-7-22

DoD Component	Installation Name	FFID	Page
FUDS	MAKANALUA BOMBING RANGE	HI99799F394100	C-6-76
FUDS	MAKAPUU LIGHT HOUSE RES	HI99799F394200	C-7-22
FUDS	MAUI AIRPORT MILITARY RES	HI99799F396000	C-7-22
FUDS	MOKUHOONIKI ISLAND	HI99799F397400	C-7-22
FUDS	UNEXPLODED ORD REMOVAL	HI99799F397700	C-7-22
FUDS	KAHULUI NAVAL AIR STATION	HI99799F398100	C-7-22
FUDS	KANE PUU NAVAL BOMBING RANGE	HI99799F398300	C-7-22
FUDS	OAHU ISLAND TARGET	HI99799F399400	C-7-22
FUDS	OPANA POINT BOMBING RANGE	HI99799F400200	C-8-18
FUDS	PACIFIC JUNGLE COMBAT	HI99799F400400	C-6-76
FUDS	PALI TRAINING CAMP	HI99799F400700	C-6-77
FUDS	PAPAPAHOLAHOA COMM SITE	HI99799F401000	C-8-18
FUDS	POPOKI TARGET AREA	HI99799F401700	C-7-22
FUDS	PUPEKEA FIRE CONTROL STATION	HI99799F402700	C-8-18
FUDS	RABBIT ISLAND	HI99799F404100	C-7-22
FUDS	WAIAKEA FOREST RESERVE	HI99799F405500	C-8-18
FUDS	WAI'AU DRUM STORAGE	HI99799F407100	C-8-18
FUDS	RADIO TRANSMITTER STA	HI99799F407300	C-8-18
FUDS	WAIKANE TRAINING AREA	HI99799F407400	C-6-78
FUDS	WAIKOLOA MANEUVER AREA	HI99799F407700	C-6-78
FUDS	WAIKANE TRAINING SITE	HI99799F408300	C-6-79
FUDS	PALMYRA ISLAND	HI99799F409700	C-7-22
FUDS	PUULOLOA-EX NAS BAR POINT	HI99799F410600	C-8-18
FUDS	WAILUA ARTILLERY IMPACT AREA	HI99799F411900	C-6-78
FUDS	GROVE FARM ARTY IMP	HI99799F412000	C-6-74
FUDS	PAPOHAKU RANCLAND SUB	HI99799F739500	C-8-18
FUDS	PAKINI BOMBING RANGE	HI99799F739700	C-6-77
FUDS	NIKE SITE NO. 5	HI99799F806400	C-8-18
FUDS	CASTNER GARAGE	HI99799F814000	C-8-17
FUDS	SITE 3	HI99799F970200	C-8-18
FUDS	SITE 3A	HI99799F970300	C-8-18
FUDS	WAIKANE FALLS PARK	HI99799F989400	C-6-79

DoD Component	Installation Name	FFID	Page
FUDS	MAUI BOMBING TARGETS	HI99799F989600	C-6-76
FUDS	LANAI BOMBING TARGETS	HI99799F989800	C-6-75
FUDS	MOLOKAI BOMBING TARGETS	HI99799F989900	C-7-22
FUDS	OFFSHORE WAIANAEE SEWAGE OUTFALL	HI99799F990000	C-8-18
FUDS	BIG ISLAND BOMBING TARGETS	HI99799FA10000	C-6-73
FUDS	ST-10 SHERWOOD FOREST USTS	HI99799FA10100	C-8-18
FUDS	WAIAWA TRAINING AREA	HI99799FA10200	C-7-22
FUDS	RANGE D-400-L	HI99799FA10300	C-6-77
FUDS	CENTER COMBAT RANGE	HI99799FA10400	C-6-74
FUDS	CAMP DODGE	IA79799F019900	C-7-25
FUDS	DES MOINES ORDNANCE PLANT	IA79799F020300	C-7-25
FUDS	FT DES MOINES TARGET RG	IA79799F020400	C-7-25
FUDS	SIOUX CITY AAF MOV TGT R	IA79799F020800	C-7-25
FUDS	OTTUMWA TRACKING DATA ACQUISITION ANNEX	IA79799F021100	C-8-22
FUDS	VILLISCA NG TARGET RNG	IA79799F021200	C-8-22
FUDS	SIOUX CITY MUNI AIRPORT	IA79799F021800	C-8-22
FUDS	IOWA WESTERN COMM COLLEGE	IA79799F021900	C-8-22
FUDS	WAVERLY AFS (Z-81)	IA79799F022000	C-7-25
FUDS	OFFUTT AFB NIKE BATTERY OF-10	IA79799F022100	C-8-22
FUDS	OFFUTT AFB NIKE BATTERY OF-10 (LAUNCHER)	IA79799F022200	C-8-22
FUDS	FORT DES MOINES	IA79799F022800	C-8-22
FUDS	IDAHO NAT. ENGR. LABORATORY	ID09799F143700	C-6-80
FUDS	POCATELLO MIL AF	ID09799F300300	C-8-18
FUDS	FORMER NAVAL OP	ID09799F300600	C-8-18
FUDS	BLAINE COUNTY NG TARGET	ID09799F300800	C-6-80
FUDS	BOISE ARMY BARRACKS	ID09799F300900	C-8-18
FUDS	COTTONWOOD AIR FORCE STA	ID09799F301200	C-8-18
FUDS	PRECISION BOMBING RGE NO2	ID09799F301800	C-7-23
FUDS	POCATELLO MOV TARGET RANG	ID09799F302400	C-7-23
FUDS	POCATELLO GROUND GUNNERY	ID09799F302600	C-7-23
FUDS	POCATELLO BOMBING RANGE #2	ID09799F302700	C-7-23
FUDS	POCATELLO BOMBING RANGE #4	ID09799F302800	C-7-23

DoD Component	Installation Name	FFID	Page
FUDS	SWAN FALLS BOMBING RANGE	ID09799F303900	C-7-23
FUDS	MOUNTAIN HOME AF RGE NO1	ID09799F304400	C-7-23
FUDS	BRUNEAU PRECISION BOMBING RANGE #2	ID09799F304500	C-7-23
FUDS	MOUNTAIN HOME AF RGE #3	ID09799F304600	C-7-23
FUDS	MOUNTAIN HOME AF RGE #5	ID09799F304800	C-7-23
FUDS	TARGHEE NF CHEMICAL WARFARE SERVICE TEST SITE	ID09799F909000	C-8-18
FUDS	SANGAMO ELECTRIC DUMP/CRAB ORCHARD NATIONAL WILDLIFE REFUGE	IL59799F217200	C-8-20
FUDS	CAMP ELLIS MILITARY RESERVATION	IL59799F217300	C-7-23
FUDS	CAMP GRANT RIFLE RANGE	IL59799F217400	C-7-23
FUDS	KANKAKEE ORDNANCE WORKS	IL59799F217800	C-8-20
FUDS	SAVANNA ORD PLANT (BLACKHAWK VILLAGE)	IL59799F217900	C-8-20
FUDS	NIKE C-70 - NAPERVILLE	IL59799F218000	C-7-23
FUDS	NIKE C-03 - BELMONT HARBOR	IL59799F218300	C-8-20
FUDS	CAMP GRANT	IL59799F218500	C-8-20
FUDS	MAYO GENERAL HOSPITAL	IL59799F218600	C-8-20
FUDS	VICTORY ORDNANCE PLANT, DECATUR	IL59799F218800	C-7-24
FUDS	CARMI AIR FORCE STATION	IL59799F218900	C-7-23
FUDS	HANNA CITY AIR FORCE STATION	IL59799F219000	C-7-23
FUDS	CHICAGO AIRCRAFT ASSEMBLY PLANT	IL59799F219100	C-8-20
FUDS	TEST CELLS SITE (WILLOW SPRGS)	IL59799F219200	C-7-24
FUDS	AIR FORCE PLANT #39	IL59799F219300	C-8-19
FUDS	SENECA SHIPYARDS	IL59799F219500	C-8-20
FUDS	CHANUTE RADIO BEACON ANNEX	IL59799F219600	C-8-20
FUDS	NIKE C-49 - HOMEWOOD	IL59799F219800	C-8-20
FUDS	NIKE C-54 - ORLAND PARK	IL59799F220000	C-8-20
FUDS	NIKE C-61 - ARGONNE LABS	IL59799F220100	C-8-20
FUDS	NIKE C-72 - ADDISON	IL59799F220200	C-7-23
FUDS	NIKE C-80/81 - ARLINGTON	IL59799F220300	C-8-20
FUDS	NIKE C-84 - PALATINE	IL59799F220400	C-8-20
FUDS	NIKE C-92/94 - LIBERTYVILLE	IL59799F220500	C-7-23
FUDS	NIKE C-93 - SKOKIE LAGOONS	IL59799F220600	C-7-24

DoD Component	Installation Name	FFID	Page
FUDS	NIKE SL-10 - MARINE	IL59799F220800	C-7-24
FUDS	NIKE SL-40 - HECKER	IL59799F220900	C-7-24
FUDS	GREEN RIVER ORDNANCE PLANT	IL59799F221400	C-7-23
FUDS	LINCOLN ORDNANCE DEPOT	IL59799F221500	C-8-20
FUDS	SANGAMON ORDNANCE PLANT	IL59799F221600	C-6-83
FUDS	NAVAL ORD STATION, FOREST PARK	IL59799F222100	C-7-23
FUDS	NIKE SL-90 - GRAFTON	IL59799F222300	C-7-24
FUDS	NIKE C-44 - WOLF LAKE	IL59799F222400	C-7-23
FUDS	CAMP LOGAN (IL BEACH STATE PARK)	IL59799F222500	C-8-20
FUDS	MANHATTAN ED, PALOS PARK	IL59799F222600	C-8-20
FUDS	GEORGE FIELD ARMY AIR STATION	IL59799F223300	C-7-23
FUDS	GEORGE FIELD RADIO RANGE STATION	IL59799F224500	C-8-20
FUDS	NIKE C-40 - BURNHAM PARK	IL59799F761300	C-8-20
FUDS	NAVAL WEAPONS INDUSTRIAL RESERVE PLANT	IL59799F767100	C-7-23
FUDS	CAMP ELLIS MANEUVER AND TRAINING AREA	IL59799F804800	C-8-20
FUDS	CAMP MCDOWELL RADAR SCHOOL	IL59799F804900	C-7-23
FUDS	US ARMY HSG SITE, LAKESHORE DR	IL59799F812100	C-8-20
FUDS	NIKE C-41 - JACKSON PARK	IL59799F812300	C-7-23
FUDS	CHICAGO ORDNANCE PLANT (HOME DEPOT)	IL59799F819200	C-8-20
FUDS	43RD ST. PN 24	IL59799F860800	C-8-19
FUDS	SKOKIE VALLEY POW CAMP	IL59799F884500	C-8-20
FUDS	CAMP THORNTON POW CAMP	IL59799F884600	C-8-20
FUDS	C-71 H&G PN 76, WESTCHESTER	IL59799F885100	C-8-19
FUDS	C-76 H&G PN 57, RIVER GROVE	IL59799F885200	C-8-20
FUDS	C-82 H&G PN 67, SCHILLER PARK	IL59799F885300	C-8-20
FUDS	CALUMET PARK H&G PN 34	IL59799F885500	C-8-20
FUDS	NORTH AVE BEACH H&G PN 21	IL59799F885800	C-8-20
FUDS	LOYOLA PARK H&G PN 28	IL59799F885900	C-8-20
FUDS	ARMY MOTOR POOL - EXCHANGE AVE	IL59799F886100	C-8-19
FUDS	CAMP PINE POW CAMP-MT PROSPECT	IL59799F944300	C-8-20
FUDS	CHANUTE VOR FACILITY, PENFIELD	IL59799F971200	C-8-20
FUDS	NIKE C-32 - INDIANA DUNES	IN59799F356600	C-7-24

DoD Component	Installation Name	FFID	Page
FUDS	FREEMAN ARMY AIRFIELD	IN59799F356700	C-8-21
FUDS	CAMP ATTERBURY	IN59799F356800	C-8-21
FUDS	JEFFERSONVILLE QUARTERMASTER DEPOT	IN59799F356900	C-8-21
FUDS	KINGSBURY ORDNANCE PLANT	IN59799F357000	C-6-84
FUDS	ROCKVILLE AFS	IN59799F358000	C-8-21
FUDS	TERRE HAUTE ORDNANCE PLANT	IN59799F358500	C-8-21
FUDS	VIGO PLANT CHEMICAL WARFARE	IN59799F358800	C-8-21
FUDS	NIKE C-48 - GARY	IN59799F359500	C-8-21
FUDS	NIKE C-47 - HOBART	IN59799F359600	C-8-21
FUDS	AIR FORCE PLANT #26	IN59799F360300	C-8-21
FUDS	AIR FORCE PLANT #46	IN59799F360400	C-8-21
FUDS	COLUMBUS MUNICIPAL AIRPORT	IN59799F361100	C-8-21
FUDS	BAER AIRFIELD	IN59799F363100	C-7-24
FUDS	AMSA 39, ST. JOSEPH CO., IN	IN59799F842600	C-8-21
FUDS	NIKE C-45 - GARY AIRPORT	IN59799F951500	C-8-21
FUDS	NIKE C-46 - MUNSTER	IN59799FA12300	C-8-21
FUDS	CHEMICAL SITE	KS79799F023300	C-8-24
FUDS	OLATHE NAVAL AIR STATION	KS79799F023600	C-7-26
FUDS	JAYHAWK ORD WORKS	KS79799F024200	C-8-24
FUDS	KCDA NIKE BATTERY 60	KS79799F024400	C-8-24
FUDS	COFFEYVILLE AAF	KS79799F025500	C-7-25
FUDS	COFFEYVILLE AUX FLD #1	KS79799F025600	C-8-24
FUDS	COFFEYVILLE AUX FLD #2	KS79799F025700	C-8-24
FUDS	COFFEYVILLE AUX FLD #4	KS79799F025800	C-8-24
FUDS	DODGE CITY AAF	KS79799F025900	C-7-25
FUDS	FORBES AFB	KS79799F026300	C-7-25
FUDS	FORBES AFB-AF FAC S-1	KS79799F026400	C-7-25
FUDS	FORBES AFB ATLAS S-2	KS79799F026500	C-7-25
FUDS	FORBES AFB ATLAS S-3	KS79799F026600	C-8-24
FUDS	FORBES AFB FAC S-4	KS79799F026700	C-7-25
FUDS	FORBES AFB-AF FAC S-6	KS79799F026800	C-8-24
FUDS	FORBES AFB ATLAS FAC S-5	KS79799F026900	C-7-25

DoD Component	Installation Name	FFID	Page
FUDS	FORBES AFB-AF FAC S-7	KS79799F027000	C-6-86
FUDS	FORBES AFB-AF FAC S-8	KS79799F027100	C-7-25
FUDS	FORBES AFB ATLAS FAC S-9	KS79799F027200	C-7-25
FUDS	GARDEN CITY AAF	KS79799F027300	C-8-24
FUDS	GARDEN CITY AUX FLD #1	KS79799F027400	C-8-24
FUDS	GARDEN CITY AUX FLD #2	KS79799F027500	C-8-24
FUDS	GARDEN CITY AUX FLD #3	KS79799F027600	C-8-24
FUDS	GARLAND G F ANX P-72A	KS79799F027700	C-8-24
FUDS	GREAT BEND AAF	KS79799F027800	C-8-24
FUDS	GREAT BEND A-GRND GNR Y R	KS79799F027900	C-6-87
FUDS	GREAT BEND PBR #1	KS79799F028000	C-7-25
FUDS	GREAT BEND PBR #2	KS79799F028100	C-7-25
FUDS	GREAT BEND PBR #3	KS79799F028200	C-7-25
FUDS	HERINGTON AAF	KS79799F028300	C-7-26
FUDS	HERINGTON RIFLE RANGE	KS79799F028400	C-7-26
FUDS	INDEPENDENCE AAF	KS79799F028500	C-7-26
FUDS	LIBERAL AAF	KS79799F028900	C-7-26
FUDS	OSAGE PBR #3	KS79799F029100	C-7-26
FUDS	POTTAWATOMIE PBR #1	KS79799F029200	C-7-26
FUDS	PRATT AAF	KS79799F029300	C-7-26
FUDS	PRATT GROUND GNR Y RNG	KS79799F029400	C-7-26
FUDS	PRATT PBR #1	KS79799F029500	C-7-26
FUDS	PRATT PBR #2	KS79799F029600	C-7-26
FUDS	PRATT PBR #3	KS79799F029700	C-7-26
FUDS	PRATT AIR-GROUND GUNNERY RANGE	KS79799F029800	C-8-24
FUDS	PRATT RIFLE RANGE	KS79799F029900	C-7-26
FUDS	SCHILLING AFB-FAC S-1	KS79799F030300	C-8-24
FUDS	SCHILLING AFB-FAC S-2	KS79799F030400	C-6-88
FUDS	SCHILLING AFB-FAC S-3	KS79799F030500	C-6-89
FUDS	SCHILLING AFB-FAC S-4	KS79799F030600	C-7-26
FUDS	SCHILLING AFB-FAC S-5	KS79799F030700	C-6-89
FUDS	SCHILLING AFB-FAC S-6	KS79799F030800	C-7-26

DoD Component	Installation Name	FFID	Page
FUDS	SCHILLING AFB-FAC S-7	KS79799F030900	C-6-89
FUDS	SCHILLING AFB FAC S-8	KS79799F031000	C-6-88
FUDS	SCHILLING AFB-FAC S-11	KS79799F031300	C-6-88
FUDS	SCHILLING AFB FAC S-12	KS79799F031400	C-6-87
FUDS	SMOKY HILL AIR-AIR GNR Y RANGE	KS79799F031600	C-8-24
FUDS	STROTHER FIELD	KS79799F031800	C-7-26
FUDS	STROTHER AAF E AUX FLD #1	KS79799F031900	C-8-24
FUDS	STROTHER AAF N AUX FLD #2	KS79799F032000	C-8-24
FUDS	STROTHER AAF W AUX FLD #3	KS79799F032100	C-8-24
FUDS	STROTHER AAF S AUX FLD #5	KS79799F032200	C-8-24
FUDS	TOPEKA AAF RIFLE RANGE	KS79799F032300	C-7-26
FUDS	WALKER ARMY AIR FIELD	KS79799F032400	C-7-26
FUDS	WABAUNSEE PBR #2	KS79799F032500	C-7-26
FUDS	WALKER AIR-GRND GNR Y R	KS79799F032600	C-7-26
FUDS	HAYS-WALKER PBR #1	KS79799F032700	C-7-25
FUDS	HAYS-WALKER PBR #2	KS79799F032800	C-7-26
FUDS	HAYS-WALKER PBR #3	KS79799F032900	C-7-26
FUDS	AF PLANT NO 13	KS79799F033400	C-8-24
FUDS	FORBES SUR TRG AX	KS79799F033600	C-7-25
FUDS	HUTCHINSON NAS	KS79799F034100	C-7-26
FUDS	SCHILLING AFB	KS79799F093200	C-6-87
FUDS	TOPEKA AIR FORCE STATION	KS79799F676900	C-8-24
FUDS	KCDA NIKE 80-RADAR AREA	KS79799F981500	C-8-24
FUDS	OLATHE NAS UHF BEACON	KS79799F981600	C-8-24
FUDS	CAMP BRECKINRIDGE	KY49799F348400	C-6-90
FUDS	KENTUCKY ORDNANCE WORKS	KY49799F349600	C-6-90
FUDS	BOWMAN ARMY AIR FIELD	KY49799F349800	C-8-25
FUDS	CAMP CLAIBORNE	LA69799F013400	C-6-92
FUDS	CAMP LIVINGSTON	LA69799F013500	C-6-92
FUDS	BREEZY HILL ARTLY RG	LA69799F013600	C-6-91
FUDS	AIRBASE-POLLOCK	LA69799F014000	C-8-26
FUDS	POW CAMP	LA69799F014100	C-8-26

DoD Component	Installation Name	FFID	Page
FUDS	NAVAL AIR STATION, N.O.	LA69799F014300	C-8-26
FUDS	NAVAL AIR STATION N.I.	LA69799F014400	C-8-26
FUDS	CHENNAULT AFB	LA69799F014500	C-8-26
FUDS	BARKSDALE AFB - NIKE BD 50	LA69799F014800	C-8-26
FUDS	BARKSDALE AFB - NIKE BD-10	LA69799F014900	C-8-26
FUDS	DERIDDER ARMY AIR FIELD	LA69799F015700	C-7-27
FUDS	CAMP PLAUCHE	LA69799F016200	C-8-26
FUDS	NAVAL AIR STA (LTA) HOUMA	LA69799F016300	C-8-26
FUDS	ALEXANDRIA AAF GUNNERY RANGE	LA69799F017300	C-8-26
FUDS	HARDING AAF	LA69799F018100	C-7-27
FUDS	LAFAYETTE NG TARGET RANGE	LA69799F018200	C-7-27
FUDS	ESLER FIELD	LA69799F019200	C-8-26
FUDS	KISATCHIE BOMB TARGETS	LA69799F019500	C-7-27
FUDS	FORT JACKSON	LA69799F693300	C-7-27
FUDS	FT MC COMB	LA69799F710600	C-8-26
FUDS	HAMMOND BOMBING RANGE	LA69799F803900	C-6-92
FUDS	MINDEN BOMB TARGETS	LA69799F943400	C-7-27
FUDS	WASHBURN ISL	MA19799F023400	C-8-31
FUDS	CHARLESTOWN NAVY YARD	MA19799F176900	C-6-101, C-7-30
FUDS	WESTOVER AFB	MA19799F177100	C-7-30
FUDS	CAMP EDWARDS	MA19799F177300	C-7-30
FUDS	NIKE PR-19	MA19799F177500	C-8-30
FUDS	SPRINGFLD ARMORY-RAIL	MA19799F177600	C-8-31
FUDS	WATERTOWN ARSENAL	MA19799F177700	C-7-30
FUDS	LOWELL ORD PLT	MA19799F177800	C-7-30
FUDS	NAVAL AMMO DEPOT	MA19799F177900	C-7-30
FUDS	NIKE HEADQUARTERS, MA	MA19799F178000	C-8-30
FUDS	CP WELLFLEET	MA19799F178100	C-8-30
FUDS	NIKE BAT BO-55	MA19799F178200	C-8-30
FUDS	NIKE 03	MA19799F178400	C-8-30
FUDS	NIKE BO-05	MA19799F178500	C-8-30
FUDS	NIKE BO-15	MA19799F178600	C-8-30

DoD Component	Installation Name	FFID	Page
FUDS	NAHANT NIKE 17	MA19799F178700	C-7-30
FUDS	NIKE BO-37	MA19799F178900	C-8-30
FUDS	NIKE 63	MA19799F179100	C-8-30
FUDS	NIKE BAT BO-73	MA19799F179200	C-8-30
FUDS	NIKE BO-84	MA19799F179300	C-8-30
FUDS	NIKE 29	MA19799F179500	C-8-30
FUDS	AFPLT #29	MA19799F179800	C-8-30
FUDS	CP MILES STANDISH	MA19799F181800	C-7-30
FUDS	CUTTYHUNK ISL FC STA	MA19799F182600	C-8-30
FUDS	EAST POINT FC STA	MA19799F182900	C-8-30
FUDS	FALL RIVER NAVRESCEN	MA19799F183300	C-7-30
FUDS	FORT HEATH	MA19799F184300	C-8-30
FUDS	FORT REVERE	MA19799F184600	C-8-30
FUDS	FORT RUCKMAN	MA19799F184700	C-7-30
FUDS	FORT STANDISH	MA19799F184900	C-7-30
FUDS	FORT STRONG	MA19799F185000	C-8-30
FUDS	FORT WARREN	MA19799F185100	C-8-30
FUDS	HADLEY NIRP	MA19799F186000	C-8-30
FUDS	HINGHAM NAD (ANNEX)	MA19799F186300	C-6-101
FUDS	IPSWICH DATA COL LABAX	MA19799F186700	C-8-30
FUDS	MARTHA V/YARD AWS STA6	MA19799F187000	C-8-30
FUDS	MONOMOY ISL GUN RGE	MA19799F187600	C-6-101
FUDS	NANTUCKET NAVFAC	MA19799F187900	C-8-30
FUDS	NANTUCKET RAD ANX	MA19799F188000	C-8-30
FUDS	NEW SALEM GFA Z50E	MA19799F188600	C-8-30
FUDS	POINT ALLERTON MIL RES	MA19799F189200	C-8-31
FUDS	PT ALLERTON SUR DET	MA19799F189500	C-8-31
FUDS	STRAWBERRY PT FC STA	MA19799F190700	C-8-31
FUDS	WESTBROUGH COMMO SITE	MA19799F191500	C-8-31
FUDS	WESTOVER LIGHT AX #2	MA19799F191900	C-8-31
FUDS	WESTOVER LIGHT AX #3	MA19799F192000	C-8-31
FUDS	MISH PT ELE ROCK AX	MA19799F193000	C-8-30

DoD Component	Installation Name	FFID	Page
FUDS	SQUANTUM ELE RES AX	MA19799F193500	C-8-31
FUDS	BOSTON NAVAL ANNEX	MA19799F194500	C-8-30
FUDS	NAVY FUEL ANX&PIPELINE	MA19799F194900	C-8-30
FUDS	FORMER NIRS HINGHAM	MA19799F195000	C-8-30
FUDS	GREAT NECK	MA19799F195200	C-7-30
FUDS	SANDY NECK	MA19799F195300	C-7-30
FUDS	TISBURY GREAT POND	MA19799F195500	C-7-30
FUDS	HUMMOCK POND	MA19799F195600	C-7-30
FUDS	SHEEP POND	MA19799F195700	C-7-30
FUDS	NANTUCKET BCH	MA19799F195800	C-6-102
FUDS	NAS CHATHAM	MA19799F196000	C-8-30
FUDS	NAS SQUANTUM	MA19799F196100	C-7-30
FUDS	WALTHAM-RAYTHEON MFG	MA19799F196400	C-8-31
FUDS	CHAPMAN VALVE EXP	MA19799F196500	C-8-30
FUDS	AIR FORCE PLANT #28	MA19799F196800	C-8-30
FUDS	FORT ANDREWS	MA19799F197000	C-8-30
FUDS	GR BREWSTER ISL MIL RE	MA19799F197200	C-8-30
FUDS	OUTER BREWSTER ISL MIL	MA19799F197300	C-8-30
FUDS	MOVING TAR MACH GUN RG	MA19799F197400	C-7-30
FUDS	MARTHA-S VINEYARD ARPT	MA19799F197600	C-7-30
FUDS	WESTOVER REMOTE SITE	MA19799F198500	C-8-31
FUDS	NANTUCKET MEM ARPT	MA19799F198700	C-7-30
FUDS	CP CANDOIT	MA19799F199000	C-8-30
FUDS	PILGRIM ORDNANCE WORKS	MA19799F691800	C-8-30
FUDS	HOLLY HILL RADAR	MA19799F710500	C-8-30
FUDS	SPRINGFLD ARMORY-WATER	MA19799F758700	C-8-31
FUDS	SPRINGFLD ARMORY-RAIL	MA19799F758900	C-8-31
FUDS	AA BATTERY	MA19799F805500	C-7-30
FUDS	BUTLERS POINT BATTERY	MA19799F809000	C-8-30
FUDS	BARNEYS JOY BATTERY	MA19799F809100	C-7-30
FUDS	NAVAL TORPEDO STA	MA19799F809200	C-8-30
FUDS	SCITUATE PROVE GROUND	MA19799F809600	C-8-31

DoD Component	Installation Name	FFID	Page
FUDS	FORT RODMAN	MA19799F809700	C-7-30
FUDS	FORT ANDREW	MA19799F810300	C-8-30
FUDS	SALISBURY BEACH	MA19799F811100	C-8-31
FUDS	AA BAT	MA19799F826400	C-8-30
FUDS	STANDISH-GURNET PT	MA19799F828900	C-8-31
FUDS	NEW AAB	MA19799F851000	C-8-30
FUDS	ANTI-AIRCRAFT BATTERY	MA19799F867700	C-8-30
FUDS	FORT SEWELL	MA19799F871600	C-8-30
FUDS	AMTB SITE	MA19799F873800	C-7-30
FUDS	LONG POINT BATTERY	MA19799F874500	C-8-30
FUDS	NUT ISLAND	MA19799F874600	C-8-30
FUDS	FORT AT EASTERN POINT	MA19799F905600	C-7-30
FUDS	LAKESIDE CAMP	MA19799F906000	C-8-30
FUDS	BOMB AREA WEEPECKET IS	MA19799F906100	C-7-30
FUDS	FT RALPH-NAUSHAN ISL	MA19799F906200	C-8-30
FUDS	GULL ISLAND BOMB AREA	MA19799F906300	C-7-30
FUDS	MINE TEST FACILITY	MA19799F919600	C-8-30
FUDS	FT DEVENS	MA19799F936300	C-7-30
FUDS	NAT PLA	MA19799F984600	C-8-30
FUDS	QUABBIN BOMB RNG	MA19799FA10500	C-6-102
FUDS	CAPE POGUE LITTLE NECK BOMB TARGET SITE	MA19799FA28900	C-7-30
FUDS	NIKE BA-03 (PHOENIX)	MD39799F136800	C-7-29
FUDS	NATIONAL DEFENSE STORAGE DEPOT (CURTIS BAY)	MD39799F137300	C-7-29
FUDS	NIKE BA-09 (FORK)	MD39799F137400	C-8-29
FUDS	NIKE W-25 (DAVIDSONVILLE)	MD39799F137500	C-8-29
FUDS	NIKE BA-30/31 (TOLCHESTER)	MD39799F137700	C-7-29
FUDS	NIKE W-36 (CROOM)	MD39799F137800	C-8-29
FUDS	NIKE W-35 (CROOM)	MD39799F137900	C-7-29
FUDS	NIKE BA-43 (FORT SMALLWOOD)	MD39799F138000	C-8-29
FUDS	NIKE W-44 (WALDORF)	MD39799F138100	C-7-29
FUDS	NIKE W-54 (POMONKEY)	MD39799F138300	C-8-29
FUDS	NIKE BA-79 / W-05 (GRANITE)	MD39799F138400	C-8-29

DoD Component	Installation Name	FFID	Page
FUDS	NIKE W-92 (ROCKVILLE LAUNCH AREA)	MD39799F138500	C-8-29
FUDS	NIKE BA-92 (TOWSON)	MD39799F138600	C-8-29
FUDS	NIKE W-93 (OLNEY LAUNCH AREA)	MD39799F138700	C-7-29
FUDS	FORT DETRICK #2	MD39799F139100	C-8-29
FUDS	FORT HOLABIRD	MD39799F139200	C-8-29
FUDS	AAA SITE CEN BUREAU	MD39799F139400	C-7-29
FUDS	CATOCTIN RECREATION DEMO AREA	MD39799F140100	C-6-98
FUDS	FORT ARMISTEAD / HAWKINS POINT FACILITIES	MD39799F140500	C-8-29
FUDS	FORT HOWARD	MD39799F140600	C-7-29
FUDS	CAMP SOMERSET	MD39799F141100	C-8-29
FUDS	FORT WASHINGTON (MARYLAND)	MD39799F141300	C-7-29
FUDS	EAST COAST RADIO RECEIVING STA	MD39799F141500	C-8-29
FUDS	HERMANVILLE GAP FILLER ANNEX	MD39799F142200	C-8-29
FUDS	ASSATEAGUE ISLAND	MD39799F143900	C-6-97
FUDS	SHIP REPAIR DEPOT (CURTIS BAY)	MD39799F144100	C-8-29
FUDS	TRIUMPH EXPLOSIVES, INC.	MD39799F144200	C-7-29
FUDS	FORT CARROLL	MD39799F807200	C-8-29
FUDS	JOHNS HOPKINS UNIVERSITY LABORATORY	MD39799F812800	C-8-29
FUDS	NIKE W-93 (LAYTONSVILLE CONTROL AREA)	MD39799F820500	C-8-29
FUDS	FORT FOOTE	MD39799F847900	C-8-29
FUDS	BALTIMORE AAF, LOGAN CANTONMENT AREA	MD39799F926100	C-7-29
FUDS	DOW MIL AF	ME19799F199100	C-7-28
FUDS	NIKE LO-85	ME19799F199200	C-8-27
FUDS	NIKE LO-13	ME19799F199400	C-7-28
FUDS	AMMO INDUSTRIAL PARK	ME19799F199500	C-8-27
FUDS	SEAL ISL GUNNERY RGE	ME19799F199600	C-7-28
FUDS	DOW PREC BMBG RNG	ME19799F199800	C-6-94
FUDS	THOMPSONS PT ORD PLT	ME19799F199900	C-8-27
FUDS	PRESQUE ISLE AFB	ME19799F200000	C-7-28
FUDS	NIKE L-31	ME19799F200100	C-8-27
FUDS	NIKE 58	ME19799F200200	C-7-28
FUDS	CAP ELI FIRE CON STA	ME19799F201000	C-8-27

DoD Component	Installation Name	FFID	Page
FUDS	CASCO BAY TOR BO DEF	ME19799F201300	C-8-27
FUDS	CASWELL AFS Z-80	ME19799F201400	C-7-28
FUDS	CHARLESTON AFS	ME19799F201500	C-8-27
FUDS	FORT BAL FIRE CON STA	ME19799F201800	C-7-28
FUDS	FORT FOSTER	ME19799F201900	C-8-27
FUDS	FORT LEVETT	ME19799F202000	C-7-28
FUDS	FORT PREBLE	ME19799F202100	C-8-27
FUDS	GERRISH ISL FI CON STA	ME19799F202300	C-8-27
FUDS	JEWELL-S ISL	ME19799F202600	C-8-27
FUDS	LORING AFB COMMO AX #2	ME19799F202800	C-7-28
FUDS	LOR AFB ILS OUT MK AX3	ME19799F203100	C-8-27
FUDS	LOR AFB LAU AX	ME19799F203200	C-7-28
FUDS	MERRIAM PT FC STA	ME19799F203700	C-8-27
FUDS	MON ISL TR COOU RGE	ME19799F203800	C-7-28
FUDS	PEAKS ISL WHARF	ME19799F204300	C-8-27
FUDS	SEDGWICK GAP FIL AX	ME19799F205000	C-8-27
FUDS	TOPSFLD GAP FIL AX	ME19799F205300	C-8-27
FUDS	FORT MCKINLEY	ME19799F206000	C-8-27
FUDS	FORMER FUEL DEPOT	ME19799F206100	C-8-27
FUDS	NAS ROCKLAND	ME19799F206200	C-7-28
FUDS	NAVAL FUEL DEPOT	ME19799F206600	C-7-28
FUDS	NAVAL ORDNANCE FAC	ME19799F206700	C-7-28
FUDS	MAINE BOMBING AREA	ME19799F206800	C-7-28
FUDS	DIVE BOMBING TAR	ME19799F206900	C-7-28
FUDS	DEBLOIS PREC BOMB RNG	ME19799F207400	C-6-94
FUDS	AF RADAR TRACKING STATION	ME19799F207500	C-7-28
FUDS	FORT MCCLARY	ME19799F207600	C-8-27
FUDS	PEAKS ISL MIL RESV	ME19799F207800	C-8-27
FUDS	L.C-BEAGUE ISL REC	ME19799F730800	C-7-28
FUDS	US NAVAL AUX AIR FAC	ME19799F730900	C-7-28
FUDS	US NAVAL AUX AIR FAC	ME19799F731000	C-7-28
FUDS	FORT SCAMMELL	ME19799F731100	C-8-27

DoD Component	Installation Name	FFID	Page
FUDS	NCTC QUODDY VILLAGE	ME19799F732500	C-7-28
FUDS	LONG ISL	ME19799F760600	C-7-28
FUDS	FORT POPHAM	ME19799F799300	C-8-27
FUDS	FORT KNOX	ME19799F809800	C-7-28
FUDS	FORT GORGES	ME19799F810100	C-7-28
FUDS	FORT LYON	ME19799F810500	C-7-28
FUDS	MACH GATR	ME19799F850900	C-7-28
FUDS	FORT SULLIVAN	ME19799F867900	C-8-27
FUDS	BAR HARBOR NAV AIR FAC	ME19799F871800	C-8-27
FUDS	TREATS ISLAND BATTERY	ME19799F872000	C-8-27
FUDS	LITTLE RIVER BATTERY	ME19799F872200	C-8-27
FUDS	FORT GEORGE	ME19799F872500	C-8-27
FUDS	FORT MADISON	ME19799F872700	C-8-27
FUDS	FORT EDGECOMB	ME19799F882000	C-7-28
FUDS	AF GAT	ME19799FA23500	C-7-28
FUDS	SLEEPING BEAR DUNES	MI59799F224700	C-8-32
FUDS	USCG AIR STATION/CHERRY CAPITAL AIRPORT	MI59799F224900	C-7-31
FUDS	CAMP LUCAS / FT BRADY TARGET RANGE	MI59799F225100	C-7-31
FUDS	FORT CUSTER VA AREA	MI59799F225200	C-8-32
FUDS	FORT CUSTER REC/INDUSTRIAL AREAS	MI59799F225300	C-6-104
FUDS	CAMP WATERLOO CORRECTIONAL FACILITY	MI59799F225400	C-8-32
FUDS	CAMP RIVER ROUGE PK	MI59799F225500	C-8-32
FUDS	KINCHLOE AIR FORCE BASE	MI59799F226000	71, C-6-104
FUDS	RACO AAF-HIAWATHA NF	MI59799F226100	C-8-32
FUDS	ROMULUS AAF	MI59799F226300	C-8-32
FUDS	NIKE D-54/55 - RIVERVIEW	MI59799F226700	C-7-31
FUDS	NIKE D-57/58 - NEWPORT	MI59799F226800	C-7-31
FUDS	WAYNE STATE UNIV	MI59799F227000	C-8-32
FUDS	NIKE D-87/PROUD LAKE/COMMERCE	MI59799F227100	C-8-32
FUDS	NIKE D-97 - OAKLAND COMMUNITY COLLEGE	MI59799F227200	C-8-32
FUDS	NIKE D-06 - UTICA	MI59799F227300	C-7-31
FUDS	GROSSE ILE NAS - NIKE D-51	MI59799F227500	C-7-31

DoD Component	Installation Name	FFID	Page
FUDS	RIVER ROUGE PARK	MI59799F227800	C-8-32
FUDS	BIG RAPIDS NATL G RG	MI59799F228000	C-8-32
FUDS	FLINT NGTR	MI59799F228100	C-8-32
FUDS	GRAND RAPIDS NGTR	MI59799F228200	C-7-31
FUDS	JACKSON NGTR	MI59799F228300	C-8-32
FUDS	OWOSSO NGTR	MI59799F228400	C-8-32
FUDS	SAGINAW NGTR	MI59799F228500	C-8-32
FUDS	KALAMAZOO NG TRGT RG	MI59799F228600	C-8-32
FUDS	EAST JORDAN NGTR	MI59799F228700	C-8-32
FUDS	ANN ARBOR NGTR	MI59799F228800	C-8-32
FUDS	ALPENA NGTR	MI59799F228900	C-8-32
FUDS	CAMP LUCAS MAINTENANCE FACILITY	MI59799F229000	C-7-31
FUDS	GRAND MARAIS GAP FILLER ANNEX	MI59799F229100	C-8-32
FUDS	SAUGATUCK GAP FIL AX Z34G	MI59799F229300	C-8-32
FUDS	BURNSIDE GAP FLR ANX	MI59799F229400	C-8-32
FUDS	PETOSKEY GAP FILLER	MI59799F229600	C-8-32
FUDS	PAINESDALE GAP FILLER	MI59799F229800	C-8-32
FUDS	SHELBY GAP FILLER ANNEX	MI59799F229900	C-8-32
FUDS	MUSKEGON ORD PLANT	MI59799F230500	C-7-31
FUDS	ALPENA AAF	MI59799F231100	C-8-31
FUDS	TRI-CITY AAF	MI59799F231500	C-8-32
FUDS	KELLOGG REGIONAL AF	MI59799F231600	C-7-31
FUDS	WILLOW RUN AIRPORT	MI59799F231800	C-7-31
FUDS	FORT WAYNE	MI59799F231900	C-8-32
FUDS	SAULT STE MARIE AFS	MI59799F232000	C-7-31
FUDS	GRAND MARAIS AFS M-109	MI59799F232600	C-8-32
FUDS	AAA SITE 76	MI59799F232900	C-8-31
FUDS	USARC & NIKE D-17L	MI59799F234000	C-8-32
FUDS	DELTA PROPERTIES	MI59799F236300	C-8-32
FUDS	SAULT STE MARIE GATR	MI59799F236600	C-8-32
FUDS	AUTRAIN PRISONER-OF-WAR CAMPS	MI59799F683200	C-8-32
FUDS	EVELYN POW CAMP	MI59799F683500	C-8-32

DoD Component	Installation Name	FFID	Page
FUDS	CAMP CLAYBANK AAA FIRING RANGE	MI59799F729300	C-7-31
FUDS	BIG BAY AAA FIRING RANGE	MI59799F729400	C-8-32
FUDS	CAMP LUCAS/FT BRADY	MI59799F744500	C-7-31
FUDS	EMERY GAP FILLER	MI59799F761100	C-8-32
FUDS	S.S. MARIE AREA B (MINNEAPOLIS WOODS)	MI59799F850600	C-8-32
FUDS	CAMP NORRIE	MI59799F864700	C-7-31
FUDS	CHEMICAL WARFARE DEVELOPMENT DIVISION	MI59799FA20900	C-8-32
FUDS	HAT ISLAND TARGET	MI59799FA21000	C-7-31
FUDS	ASH FIELD OLF	MI59799FA21200	C-7-31
FUDS	CUSTER FIELD OLF	MI59799FA21600	C-7-31
FUDS	WURTSMITH BOMBING GUNNERY RANGE	MI59799FA23600	C-6-104
FUDS	GOPHER ORD PLT ROSEMOUNT	MN59799F236700	C-7-32
FUDS	WADENA AFB	MN59799F237000	C-8-34
FUDS	FT. SNELLING-NAT. CEM & AIR FORCE STATION	MN59799F237200	C-8-34
FUDS	GRAND RAPIDS AFS	MN59799F237300	C-8-34
FUDS	DULUTH INTERNATIONAL AIRPORT	MN59799F237400	C-7-32
FUDS	ASKOV GAP FILLER ANX	MN59799F237900	C-8-33
FUDS	AURORA GAP FILLER ANNEX	MN59799F238000	C-8-33
FUDS	NIKE SITE BATTERY MSP-40	MN59799F238100	C-8-34
FUDS	BAUDETTE AFS RADAR SITE	MN59799F238500	C-8-33
FUDS	NIKE SITE MSP #70	MN59799F238700	C-7-32
FUDS	SECOR STA WORTHINGTON	MN59799F239300	C-8-34
FUDS	FINLAND AFS Z-69	MN59799F240100	C-8-33
FUDS	NIKE MSP-90/MN. SHERIFFS BOY'S RANCH	MN59799F240700	C-8-34
FUDS	N/FIELD GAP FIL AX Z-35B	MN59799F241100	C-8-34
FUDS	USAF DULUTH MISSILE/USARC MAINT. SITE	MN59799F241700	C-8-34
FUDS	OLIVIA POW CAMP	MN59799F911800	C-8-34
FUDS	FEDERAL CENTER COMPLEX	MO79799F034500	C-8-36
FUDS	MALDEN AIR BASE	MO79799F034600	C-7-33
FUDS	FORT CROWDER POOLS PRAIRIE	MO79799F034700	C-7-33
FUDS	JEFFERSON BARRACKS	MO79799F034900	C-8-36
FUDS	JEFFERSON BARRACKS RIF RG	MO79799F035100	C-8-36

DoD Component	Installation Name	FFID	Page
FUDS	JEFFERSON BARRACKS TAR RG	MO79799F035200	C-7-33
FUDS	KCDA NIKE BATTERY 10	MO79799F035400	C-8-36
FUDS	MIL PERSON RECORD CENTER	MO79799F035900	C-8-36
FUDS	ROSECRANS ARMY AIR FIELD & NATIONAL GUARD	MO79799F036200	C-7-33
FUDS	ST. LOUIS TANK ARMOUR	MO79799F036800	C-8-36
FUDS	TYSON VALLEY POWDER FARM	MO79799F036900	C-6-109
FUDS	WELDON SPRING ORD WORKS	MO79799F037400	C-8-36
FUDS	AF PLANT #65	MO79799F037600	C-8-36
FUDS	AF 819 SPECIAL DEPOT	MO79799F037800	C-8-36
FUDS	FORDLAND AFS P-68	MO79799F038500	C-8-36
FUDS	KIRKSVILLE AFS P-64	MO79799F039000	C-7-33
FUDS	RICHARDS-GEBAUR AFB	MO79799F039500	C-6-108
FUDS	ROSECRANS FLD RIFLE RNG	MO79799F039700	C-8-36
FUDS	SEDALIA AAF RIFLE RANGE	MO79799F040000	C-7-33
FUDS	VICHY AAF	MO79799F040200	C-7-33
FUDS	VICHY G F ANX P-70C	MO79799F040300	C-8-36
FUDS	BELTON ISLAND OUT MRK AX	MO79799F040700	C-8-36
FUDS	NIKE HERCULES SL-60	MO79799F041000	C-8-36
FUDS	ST. LOUIS ORDNANCE PLANT	MO79799F093300	C-8-36
FUDS	WHITEMAN COMMUNICATIONS TRANSMITTER SITE	MO79799F679600	C-7-33
FUDS	GASCONADE BOAT YARD	MO79799F842200	C-8-36
FUDS	KCDA NIKE BATTERY 30 - LAUNCH FACILITY	MO79799F849200	C-8-36
FUDS	FOREST PARK RECREATION CAMP	MO79799F940200	C-8-36
FUDS	KEY MILITARY AFB	MS49799F000200	C-8-35
FUDS	CAMP/FT MCCAIN	MS49799F000300	C-8-35
FUDS	CAMP SHELBY RAILHEAD FACILITY	MS49799F000400	C-8-34
FUDS	GULF ORDNANCE PLANT	MS49799F000500	C-6-106
FUDS	GREENVILLE MUNIC AIRPORT	MS49799F000700	C-8-35
FUDS	CLINTON POW CAMP	MS49799F000900	C-8-35
FUDS	HAWKINS AIRFIELD	MS49799F001200	C-8-35
FUDS	VAN DORN-ARMY TRNG CAMP	MS49799F001700	C-6-107
FUDS	FLETCHER AIR FIELD	MS49799F002000	C-8-35

DoD Component	Installation Name	FFID	Page
FUDS	CAMP MCCAIN MANEUVER AREA	MS49799F003000	C-8-34
FUDS	GRENADA AAF RIFLE RGE	MS49799F003100	C-7-32
FUDS	HANCOCK CO. BOMBING & GUNNERY RANGE	MS49799F003300	C-8-35
FUDS	GULFPORT ARMY AIR FIELD	MS49799F003800	C-7-32
FUDS	GULFPORT AAF POORMAN FLEX	MS49799F003900	C-8-35
FUDS	GULFPORT AIR NG GAS BARGE	MS49799F004000	C-8-35
FUDS	HORN ISLAND CWS SITE	MS49799F004800	C-8-35
FUDS	GREENWOOD ARMY AF	MS49799F005400	C-7-32
FUDS	COLUMBUS PRC BOMB RGE #1	MS49799F005500	C-7-32
FUDS	COLUMBUS PRE BOMB RGE #3	MS49799F005600	C-7-32
FUDS	COLUMBUS PRE BOMB RGE #4	MS49799F005700	C-7-32
FUDS	SMITH CO BOMB & GUN RGE	MS49799F006300	C-7-32
FUDS	GREENVILLE AFB	MS49799F006600	C-7-32
FUDS	MISSISSIPPI ORD PLANT	MS49799F007700	C-6-106
FUDS	CAMP HILL	MS49799F008900	C-8-34
FUDS	HINDS CNTY MUNIC AIRPORT	MS49799F009500	C-8-35
FUDS	KEESLER DIR FINDER AX	MS49799F010400	C-8-35
FUDS	KEESLER SMALL ARMS RGE	MS49799F010700	C-7-32
FUDS	CAMP SHELBY MANUVER AREA	MS49799F012000	C-7-32
FUDS	YAZOO BOMBING RANGE	MS49799F012500	C-7-33
FUDS	PACHUTA BOMB & GUN RANGE	MS49799F013100	C-6-107
FUDS	MEEHAN RANGE	MS49799F743800	C-6-106
FUDS	KEY FIELD RIFLE RANGE	MS49799F805100	C-8-35
FUDS	VICKSBURG RIFLE RANGE	MS49799F813700	C-7-33
FUDS	JACKSON FAIRGROUNDS (CWM)	MS49799F939000	C-8-35
FUDS	GLASGOW ARMY AIR FIELD	MT89799F059900	C-8-36
FUDS	FT W H HARRISON ARMY POST	MT89799F061100	C-8-36
FUDS	BROWNING GAP FILLER ANNEX P-24A	MT89799F061800	C-8-36
FUDS	FORT PECK AER GUN RGE	MT89799F062100	C-7-34
FUDS	GALATA GAP FILLER ANNEX (P-25A)	MT89799F062300	C-8-36
FUDS	GLASGOW AFB	MT89799F062400	C-8-36
FUDS	GLASGOW PATTERN BOMB RGE	MT89799F062800	C-7-34

DoD Component	Installation Name	FFID	Page
FUDS	GLASGOW PATTERN GUN RGE	MT89799F062900	C-7-34
FUDS	GLASGOW WAT SYS AX #2	MT89799F063000	C-8-36
FUDS	GLENDIVE GAP FI AX TM177A	MT89799F063100	C-8-36
FUDS	GREAT FALLS PATTERN BOMB RGE	MT89799F063500	C-7-34
FUDS	GREAT FALLS PATTERN GUN RGE	MT89799F063600	C-7-34
FUDS	LEWISTOWN ARMY AIR FIELD	MT89799F064000	C-7-34
FUDS	LEWISTOWN PATTERN BOMB RGE	MT89799F064100	C-7-34
FUDS	LEWISTOWN PATTERN GUN RGE	MT89799F064200	C-7-34
FUDS	OPHEIM AFS Z-26	MT89799F065900	C-8-36
FUDS	SWEETGRASS GAP FILLER ANX	MT89799F066400	C-8-36
FUDS	DEL BONITA AFS	MT89799F070500	C-8-36
FUDS	BUXTON NAVAL FACILITY	NC49799F482500	C-8-44
FUDS	CP BUTNER TRNG CMP	NC49799F482700	C-6-130
FUDS	CP/FT DAVIS	NC49799F482800	C-6-131
FUDS	LAURINBURG-MAXTON AB	NC49799F482900	C-6-131
FUDS	FT GREEN	NC49799F483100	C-8-44
FUDS	NAAS EDENTON	NC49799F483300	C-7-42
FUDS	NEW HANOVER CNTY ARPT	NC49799F483500	C-8-44
FUDS	CHARLOTTE ARMY MIS PL	NC49799F483800	C-7-42
FUDS	ROANOKE RAPIDS AFS	NC49799F484100	C-8-44
FUDS	ALLEN GAP FILLER ANNEX	NC49799F486400	C-8-44
FUDS	ENGELHARD GFA	NC49799F486700	C-8-44
FUDS	DAVIS AWS STA NO. 15	NC49799F487500	C-8-44
FUDS	KITTY HAWK AWS STA #14	NC49799F487600	C-8-44
FUDS	MOORE GENERAL HOSP	NC49799F487800	C-8-44
FUDS	MORRIS FLD	NC49799F488200	C-7-42
FUDS	CP MACKALL	NC49799F488800	C-6-130
FUDS	CP BATTLE	NC49799F489000	C-7-42
FUDS	FORT FISHER	NC49799F489600	C-8-44
FUDS	CHARLOTTE NAV AMM DEPO	NC49799F490000	C-7-42
FUDS	WINST-SAL NAV WEA IND	NC49799F490100	C-8-44
FUDS	WEEKSVILLE NAV AIR FAC	NC49799F491100	C-8-44

DoD Component	Installation Name	FFID	Page
FUDS	STALLINGS AIR BASE	NC49799F678900	C-8-44
FUDS	DUCK TARGET FACILITY	NC49799F788800	C-7-42
FUDS	MANTEO NAV AUX AIR ST	NC49799F790300	C-7-42
FUDS	OCRACOKE SECTION BASE	NC49799F790400	C-8-44
FUDS	GREENSBORO RIFLE RANGE	NC49799F794100	C-7-42
FUDS	CAMP HAPPY	NC49799F794400	C-8-44
FUDS	SPENCER MTN RIFLE RANG	NC49799F795800	C-7-43
FUDS	COROLLA NAVAL TARGET	NC49799F887400	C-7-42
FUDS	BODIE ISLAND	NC49799F971600	C-7-42
FUDS	BULL BAY	NC49799F971700	C-6-130
FUDS	CAMPBELL ISLAND	NC49799F971800	C-7-42
FUDS	DRUMMOND POINT	NC49799F971900	C-6-131
FUDS	JOCKEY'S RIDGE	NC49799F972000	C-7-42
FUDS	SOUTHERN SHORES	NC49799F972900	C-7-42
FUDS	WHALE HEAD	NC49799F973300	C-8-44
FUDS	DICKINSON AFS Z-177	ND89799F071000	C-8-44
FUDS	ALEXANDER GAP FIL AX Z28E	ND89799F071200	C-8-44
FUDS	REGAN GAP FIL AX Z-28D	ND89799F071400	C-8-44
FUDS	NIOBE GAP FILER ANNEX Z-28A	ND89799F076900	C-8-44
FUDS	BLAINE NAVAL AMMUNITION DEPOT	NE79799F041100	C-6-111
FUDS	LINCOLN AFB AF FAC S-8	NE79799F041300	C-7-35
FUDS	FE WARREN AFB FAC SITE 8	NE79799F041400	C-7-34
FUDS	AINSWORTH AAF	NE79799F041500	C-7-34
FUDS	ALLIANCE AAF	NE79799F041700	C-6-110
FUDS	NEBRASKA ORDNANCE PLANT	NE79799F041800	C-6-111
FUDS	BROKEN BOW AIR/GRND GNRY	NE79799F041900	C-6-111
FUDS	BRUNING ARMY AIR FIELD	NE79799F042000	C-7-34
FUDS	BRUNING TARGET RANGE	NE79799F042100	C-7-34
FUDS	CASPER PREC BMG RNG #5	NE79799F042200	C-7-34
FUDS	FAIRMONT ARMY AIRFIELD	NE79799F042300	C-8-37
FUDS	FAIRMONT PREC BMG RNG #2	NE79799F042400	C-7-34
FUDS	FORT OMAHA	NE79799F042500	C-8-37

DoD Component	Installation Name	FFID	Page
FUDS	GRAND ISLAND PREC BMG RG #1	NE79799F042800	C-7-34
FUDS	GRAND ISLAND PREC BMG RG #4	NE79799F042900	C-7-34
FUDS	HARVARD AAF	NE79799F043200	C-7-34
FUDS	HARVARD PREC BMG RNG #2	NE79799F043300	C-7-34
FUDS	HARVARD PREC BMG RNG #3	NE79799F043400	C-7-34
FUDS	HARVARD PREC BMG RNG #5	NE79799F043500	C-8-37
FUDS	HARVARD TARGET RNG	NE79799F043600	C-8-37
FUDS	KEARNEY AFB	NE79799F043800	C-8-37
FUDS	KEARNEY RIFLE RANGE	NE79799F043900	C-7-34
FUDS	MCCOOK AIR TO GROUND GUNNEY RANGE	NE79799F044000	C-8-37
FUDS	MCCOOK PRE BOMB RGE NO 1	NE79799F044100	C-7-35
FUDS	MCCOOK PRE BOMB RGE NO 2	NE79799F044200	C-7-35
FUDS	PIERCE AIR TO GRN GNRY R	NE79799F044300	C-8-37
FUDS	PLATTSMOUTH RIFLE RANGE	NE79799F044400	C-7-35
FUDS	SCOTTSBLUFF AAF	NE79799F044500	C-7-35
FUDS	SCOTTSBLUFF HIGH ALT BMG RNG	NE79799F044600	C-7-35
FUDS	SCOTTSBLUFF MOV TARGET RNG	NE79799F044700	C-7-35
FUDS	STANTON LOW ALT BMG RNG	NE79799F044900	C-7-35
FUDS	LINCOLN AIR FORCE BASE	NE79799F045200	C-7-35
FUDS	LINCOLN COMM ANX #1	NE79799F045300	C-8-37
FUDS	LINCOLN AFB NIKE BATTERY LI-01	NE79799F045500	C-7-35
FUDS	LINCOLN RADIO BEACON ANX	NE79799F045700	C-8-37
FUDS	OFFUTT AFB AF FAC S-2	NE79799F045900	C-7-35
FUDS	OFFUTT AFB NIKE BATTERY OF-60 (CONTROL)	NE79799F046000	C-8-37
FUDS	SCRIBNER AAF	NE79799F046100	C-8-37
FUDS	LINCOLN AMMO STOR ANX	NE79799F046500	C-7-35
FUDS	SIOUX ARMY DEPOT	NE79799F046700	C-6-112
FUDS	LINCOLN AFB AF FAC S-4	NE79799F046900	C-7-35
FUDS	LINCOLN AFB AF FAC S-6	NE79799F047000	C-7-35
FUDS	LINCOLN AFB AF FAC S-7	NE79799F047100	C-7-35
FUDS	LINCOLN AFB AF FAC S-9	NE79799F047200	C-8-37
FUDS	LINCOLN AFB AF FAC S-10	NE79799F047300	C-7-34

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FUDS	MCCOOK ARMY AF	NE79799F047600	C-8-37
FUDS	LINCOLN AFB AF FAC S-1	NE79799F047800	C-7-34
FUDS	LINCOLN AFB AF FAC S-2	NE79799F047900	C-8-37
FUDS	LINCOLN AFB AF FAC S-3	NE79799F048000	C-7-34
FUDS	LINCOLN AFB AF FAC S-5	NE79799F048100	C-8-37
FUDS	LINCOLN AFB AF FAC S-12	NE79799F048400	C-8-37
FUDS	OMAHA AF STA Z-71	NE79799F050800	C-7-35
FUDS	LINCOLN AFB NIKE BATTERY LI-50 (CONTROL)	NE79799F695100	C-8-37
FUDS	OFFUTT AFB NIKE BATTERY OF-60 (LAUNCHER)	NE79799F695200	C-8-37
FUDS	GRENIER MIL AF	NH19799F208000	C-7-36
FUDS	FORT STARK	NH19799F208100	C-8-39
FUDS	MASSAHEIC NG TRGT RNG	NH19799F208500	C-8-39
FUDS	CONCORD POINT RAD STA	NH19799F208800	C-8-39
FUDS	FORT CONSTITUTION	NH19799F208900	C-8-39
FUDS	FORT DEARBORN	NH19799F209000	C-8-39
FUDS	ICING RES AX N CONWAY	NH19799F209200	C-8-39
FUDS	MT WASH EQU & EXP STA	NH19799F209400	C-8-39
FUDS	MT WASH TEST SITE	NH19799F209500	C-8-39
FUDS	WRIGHT AIR DEV CEN	NH19799F210300	C-8-39
FUDS	CP LANGDON	NH19799F735900	C-8-39
FUDS	BURLINGTON AAP	NJ29799F093900	C-7-36
FUDS	BELLE MEAD GEN DEPOT	NJ29799F094000	C-7-36
FUDS	HIGHLAND AIR DEF	NJ29799F094200	C-8-39
FUDS	NIKE BAT NY 80	NJ29799F094400	C-7-37
FUDS	NIKE PH 58	NJ29799F094500	C-7-37
FUDS	NIKE NY-60	NJ29799F094600	C-7-37
FUDS	NIKE PH 41/43	NJ29799F094900	C-7-37
FUDS	NIKE NY 93/94	NJ29799F095000	C-7-37
FUDS	NIKE PH 32	NJ29799F095100	C-7-37
FUDS	NIKE NY-73	NJ29799F095200	C-7-37
FUDS	NIKE NY 88	NJ29799F095300	C-7-37
FUDS	NIKE BAT #23-25	NJ29799F095500	C-7-37

DoD Component	Installation Name	FFID	Page
FUDS	RARITAN ARSN-TA ED PK	NJ29799F095700	C-6-118
FUDS	CP KILMER	NJ29799F097200	C-7-36
FUDS	CAPE MAY BAT SITE	NJ29799F097300	C-7-36
FUDS	DEAL TEST SITE	NJ29799F097800	C-7-36
FUDS	FORT MOTT	NJ29799F098300	C-7-36
FUDS	MILLVILLE BOMB&GUN RGE	NJ29799F098500	C-6-118
FUDS	PALERMO COMMU FAC	NJ29799F099300	C-7-37
FUDS	NAV IND RES PL	NJ29799F101300	C-8-40
FUDS	NAV SHIPBLDG CORP	NJ29799F101600	C-7-37
FUDS	NAS WILDWOOD	NJ29799F103900	C-8-39
FUDS	DENIS CREEK	NJ29799F104000	C-7-36
FUDS	GREEN CREEK	NJ29799F104100	C-7-36
FUDS	TUCKAHOE ROCKET RNG	NJ29799F104200	C-6-118
FUDS	WELLSBACH PLT NOBS 258	NJ29799F104700	C-7-37
FUDS	NAS CAPE MAY	NJ29799F104800	C-7-37
FUDS	FT HANCOCK	NJ29799F692400	C-6-117, C-7-36
FUDS	CAVEN PT AR TER	NJ29799F692500	C-7-36
FUDS	MORGAN ORD SUP DEPOT	NJ29799F733500	C-8-39
FUDS	ATLANTIC LOADING	NJ29799F895400	C-8-39
FUDS	BETHLEHEM LOADING	NJ29799F895500	C-8-39
FUDS	JEFFERS TARGET AREA	NJ29799F895800	C-7-37
FUDS	ATLANTIC CITY NAS	NJ29799F895900	C-7-36
FUDS	TUCKAHOE WEAPON TEST	NJ29799F897300	C-8-40
FUDS	ISLAND BEACH TEST SITE	NJ29799F903100	C-7-37
FUDS	NAVAL BOMBING TARGET	NJ29799F958300	C-7-37
FUDS	NAVAL SHIP TARGET	NJ29799F958500	C-7-37
FUDS	BLACK POINT TARGET	NJ29799F959500	C-8-39
FUDS	NAVAL IND RESRV PLANT	NJ29799F959700	C-8-40
FUDS	FRANKFORD ARSENAL - PALMYRA	NJ29799F982100	C-8-39
FUDS	KIRTLAND AFB PBR N1 N3	NM69799624100	70
FUDS	LOS ALAMOS DEM RANGE	NM69799F613200	C-6-122
FUDS	CONTINENTAL DIV AFS P-7	NM69799F613300	C-8-40

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FUDS	WALKER AFB	NM69799F613400	C-6-123
FUDS	GUADALUPE BOMB & GUN RGE	NM69799F613900	C-6-121
FUDS	CARLSBAD AAF	NM69799F614700	C-6-120, C-7-37
FUDS	CARLSBAD PBR #1	NM69799F615100	C-7-37
FUDS	CARLSBAD PBR #2	NM69799F615200	C-7-37
FUDS	CARLSBAD PBR #3	NM69799F615300	C-7-38
FUDS	CARLSBAD PBR #4	NM69799F615400	C-7-38
FUDS	CARLSBAD PBR #5	NM69799F615500	C-7-38
FUDS	CARLSBAD PBR #6	NM69799F615600	C-7-38
FUDS	CARLSBAD PBR #7	NM69799F615700	C-7-38
FUDS	CARLSBAD PBR #8	NM69799F615800	C-7-38
FUDS	CARLSBAD PBR #9	NM69799F615900	C-7-38
FUDS	CARLSBAD PBR #10	NM69799F616000	C-7-37
FUDS	CARLSBAD PBR #11	NM69799F616100	C-7-37
FUDS	CARLSBAD PBR #12	NM69799F616200	C-7-37
FUDS	CARLSBAD PBR #13	NM69799F616300	C-7-37
FUDS	CARLSBAD PBR #14	NM69799F616400	C-7-37
FUDS	CARLSBAD PBR #15	NM69799F616500	C-7-37
FUDS	CARLSBAD PBR #16	NM69799F616600	C-7-37
FUDS	CARLSBAD PBR #17	NM69799F616700	C-7-37
FUDS	CARLSBAD PBR #18	NM69799F616800	C-7-37
FUDS	CARLSBAD PBR #19	NM69799F616900	C-7-37
FUDS	CARLSBAD PBR #20	NM69799F617000	C-7-37
FUDS	CARLSBAD PBR #21	NM69799F617100	C-7-37
FUDS	CARLSBAD PBR #22	NM69799F617200	C-7-37
FUDS	CARLSBAD PBR #23	NM69799F617300	C-7-37
FUDS	CARLSBAD PBR #24	NM69799F617400	C-7-38
FUDS	CARLSBAD PBR #25	NM69799F617500	C-7-38
FUDS	CARLSBAD PBR #26	NM69799F617600	C-7-38
FUDS	CLO AFB NARA VI PBR #1	NM69799F617800	C-7-38
FUDS	CLOVIS PBR #1	NM69799F617900	C-8-40
FUDS	DEMING AAF	NM69799F618400	C-7-38

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FUDS	DEMING AAF PBR #1	NM69799F618900	C-7-38
FUDS	DEMING AAF PBR #2	NM69799F619000	C-7-38
FUDS	DEMING AAF PBR #3	NM69799F619100	C-7-38
FUDS	DEMING AAF PBR #4	NM69799F619200	C-7-38
FUDS	DEMING AAF PBR #5	NM69799F619300	C-7-38
FUDS	DEMING AAF PBR #6	NM69799F619400	C-7-38
FUDS	DEMING AAF PBR #7	NM69799F619500	C-7-38
FUDS	DEMING AAF PBR #8	NM69799F619600	C-7-38
FUDS	DEMING AAF PBR #9	NM69799F619700	C-7-38
FUDS	DEMING AAF PBR #10	NM69799F619800	C-7-38
FUDS	DEMING AAF PBR #11	NM69799F619900	C-7-38
FUDS	DEMING AAF PBR #12	NM69799F620000	C-7-38
FUDS	DEMING AAF PBR #13	NM69799F620100	C-7-38
FUDS	DEMING AAF PBR #14	NM69799F620200	C-7-38
FUDS	DEMING AAF PBR #15	NM69799F620300	C-7-38
FUDS	DEMING AAF PBR #16	NM69799F620400	C-7-38
FUDS	DEMING AAF PBR #17	NM69799F620500	C-7-38
FUDS	DEMING AAF PBR #18	NM69799F620600	C-7-38
FUDS	DEMING AAF PBR #19	NM69799F620700	C-7-38
FUDS	DEMING AAF PBR #20	NM69799F620800	C-7-38
FUDS	DEMING AAF PBR #21	NM69799F620900	C-7-38
FUDS	DEMING AAF PBR #22	NM69799F621000	C-7-38
FUDS	DEMING AAF PBR #23	NM69799F621100	C-7-38
FUDS	DEMING AAF PBR #24	NM69799F621200	C-7-38
FUDS	FORT SUMNER AAF	NM69799F621700	C-6-120, C-7-38
FUDS	FORT SUMNER AIR TO GGR	NM69799F622100	C-6-121
FUDS	GAGE GAP FIL AX M95C	NM69799F622300	C-8-40
FUDS	HAFB UPPER ARC	NM69799F622900	C-7-38
FUDS	HOBBS AFB	NM69799F623000	C-6-121
FUDS	HOBBS PBR #6	NM69799F623300	C-7-39
FUDS	HOBBS PBR #7	NM69799F623400	C-7-39
FUDS	HOBBS PBR #12	NM69799F623600	C-7-39

DoD Component	Installation Name	FFID	Page
FUDS	HOBBS PBR #14	NM69799F623700	C-7-39
FUDS	HOBBS PBR #15	NM69799F623800	C-8-40
FUDS	HOBBS PBR #16	NM69799F623900	C-7-39
FUDS	HOBBS PBR #21	NM69799F624000	C-8-40
FUDS	KIRTLAND AFB PBR N1 N3	NM69799F624100	C-6-122
FUDS	KIRTLAND AFB PBR #S10	NM69799F624300	C-7-39
FUDS	KIRTLAND AFB PBR #S-11	NM69799F624400	C-7-39
FUDS	KIRTLAND AFB PBR #S-12	NM69799F624500	C-7-39
FUDS	KIRTLAND AFB PBR #S-13	NM69799F624600	C-7-39
FUDS	KIRTLAND AFB PBR #S-14	NM69799F624700	C-7-39
FUDS	KIRTLAND AFB PBR #S-15	NM69799F624800	C-7-39
FUDS	KIRTLAND AFB DEM BOMB RGE	NM69799F624900	C-7-39
FUDS	KIRTLAND AFB PBR #N-8	NM69799F625000	C-7-39
FUDS	KIRTLAND AFB PBR #N-9	NM69799F625100	C-7-39
FUDS	KIRTLAND AFB PBR #N-10	NM69799F625200	C-7-39
FUDS	KIRTLAND AFB PBR #N-12	NM69799F625300	C-7-39
FUDS	KIRTLAND AFB PBR #N13	NM69799F625400	C-7-39
FUDS	KIRTLAND AFB PBR #N-14	NM69799F625500	C-7-39
FUDS	LAS CRUCES AFS M-95	NM69799F625900	C-7-39
FUDS	MORIARTY AFS P-51	NM69799F626500	C-8-40
FUDS	ST NAZAIRE PBR #5	NM69799F626600	C-7-39
FUDS	SANDIA BASE, BELEN COMM F	NM69799F626800	C-8-40
FUDS	TIERRA AMARILLA AFS P-8	NM69799F627200	C-7-39
FUDS	WAFB FAC SITE #1	NM69799F627400	C-8-40
FUDS	WAFB FAC SITE #2	NM69799F627500	C-8-40
FUDS	WAFB FAC SITE #3	NM69799F627600	C-8-40
FUDS	WAFB FAC SITE #4	NM69799F627700	C-8-40
FUDS	WAFB FAC SITE #5	NM69799F627800	C-8-40
FUDS	WAFB FAC SITE #6	NM69799F627900	C-8-41
FUDS	WAFB FAC SITE #7	NM69799F628000	C-8-41
FUDS	WAFB FAC SITE #8	NM69799F628100	C-8-41
FUDS	WAFB FAC SITE #9	NM69799F628200	C-8-41

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FUDS	WAFB FAC SITE #10	NM69799F628300	C-8-40
FUDS	WAFB FAC SITE #11	NM69799F628400	C-8-40
FUDS	WAFB FAC SITE #12	NM69799F628500	C-8-40
FUDS	WAFB SM ARMS AX	NM69799F628700	C-6-123
FUDS	WAFB DEM BOMB RGE #35	NM69799F629400	C-7-39
FUDS	WAFB ROSWELL S-10	NM69799F629500	C-8-41
FUDS	WAFB ROSWELL S-11 PBR #1	NM69799F630000	C-8-41
FUDS	WAFB ROSWELL S-8 PBR #4	NM69799F630100	C-7-40
FUDS	WAFB ROSWELL S-9 PBR #5	NM69799F630200	C-8-41
FUDS	WAFB ROSWELL S-6 PBR #6	NM69799F630300	C-7-40
FUDS	WAFB ROSWELL S-7 PBR #7	NM69799F630400	C-7-40
FUDS	WAFB ROSWELL N-7 PBR #8	NM69799F630500	C-8-41
FUDS	WAFB ROSWELL N-9 PBR #9	NM69799F630600	C-8-41
FUDS	WAFB ROSWELL N-10 PBR #10	NM69799F630700	C-7-39
FUDS	WAFB ROSWELL N-8 PBR #11	NM69799F630800	C-7-40
FUDS	WAFB ROSWELL PBR #12	NM69799F630900	C-7-40
FUDS	WAFB ROSWELL PBR #13	NM69799F631000	C-8-41
FUDS	WAFB ROSWELL PBR #14	NM69799F631100	C-8-41
FUDS	WAFB ROSWELL PBR #16	NM69799F631200	C-8-41
FUDS	WAFB ROSWELL N-1 PBR #17	NM69799F631300	C-7-39
FUDS	WAFB ROSWELL N-2 PBR #19	NM69799F631400	C-7-40
FUDS	WAFB ROSWELL PBR #21	NM69799F631500	C-7-40
FUDS	WAFB ROSWELL PBR #22	NM69799F631600	C-8-41
FUDS	WAFB ROSWELL S-12 PBR #25	NM69799F631700	C-7-40
FUDS	WAFB ROSWELL N-12 PBR #27	NM69799F631800	C-7-39
FUDS	WAFB ROSWELL N-11 PBR #28	NM69799F631900	C-8-41
FUDS	WAFB ROSWELL S-17 PBR #32	NM69799F632000	C-8-41
FUDS	WAFB ROSWELL S-14 PBR #33	NM69799F632100	C-7-40
FUDS	WAFB ROSWELL S-18 PBR #34	NM69799F632200	C-7-40
FUDS	PBR-2 TARGET N-5	NM69799F902800	C-7-39
FUDS	KIRTLAND PBR 3, TRGT N-6	NM69799F907300	C-7-39
FUDS	KIRTLAND AFB PBR 4 TRGT N-7	NM69799F907400	C-7-39

DoD Component	Installation Name	FFID	Page
FUDS	KIRTLAND AFB PBR 8 TRGT N-11	NM69799F907500	C-7-39
FUDS	LOS LUNAS AIRFORCE RANGE	NM69799F907600	C-7-39
FUDS	KIRTLAND AFB PBR 15, TRGT S-2	NM69799F907700	C-7-39
FUDS	KIRTLAND AFB PBR 16 TRGT S-3	NM69799F907800	C-7-39
FUDS	KIRTLAND AFB PBR 17, TRGT S-4	NM69799F907900	C-7-39
FUDS	KIRTLAND AFB PBR 18, TRGT S-5	NM69799F908000	C-7-39
FUDS	KIRTLAND AFB PBR 19 TRGT S-6	NM69799F908100	C-7-39
FUDS	KIRTLAND AFB PBR 20 TRGT S-7	NM69799F908200	C-7-39
FUDS	KIRTLAND AFB PBR 21 TRGT S-8	NM69799F908300	C-7-39
FUDS	KAFB PBR 22 TRGT S-9	NM69799F908400	C-7-39
FUDS	PADDY AUXILLARY LANDING FIELD S-1	NM69799F908500	C-8-40
FUDS	ISLETA PUEBLO ORDNANCE IMPACT AREA	NM69799FA11800	C-6-122
FUDS	GABBS GAP FILLER ANNEX	NV99799F176100	C-8-38
FUDS	DENIO GAP FILLER ANNEX M-127E	NV99799F572900	C-8-38
FUDS	LATHROP WELLS GAP FILLER ANNEX	NV99799F577500	C-7-35
FUDS	UNIONVILLE GAP FILLER ANNEX	NV99799F588700	C-7-35
FUDS	DELAMAR DRY LAKE TEST ANNEX	NV99799F600600	C-8-38
FUDS	STEAD AFB	NV99799F600700	C-7-35
FUDS	PINE GROVE FLAT	NV99799F600900	C-8-38
FUDS	CAMP DESERT ROCK	NV99799F601100	C-6-113
FUDS	CAMP WILLISTON	NV99799F601200	C-8-38
FUDS	INDIAN SPRINGS AF AUX FIELD	NV99799F601300	C-8-38
FUDS	LAKE MEAD BASE	NV99799F601400	C-7-35
FUDS	LAS VEGAS AF STATION	NV99799F601500	C-8-38
FUDS	NELLIS SMALL ARMS RGE AX	NV99799F602000	C-6-114
FUDS	USAR CENTER LAS VEGAS	NV99799F602300	C-8-38
FUDS	TONOPAH ARMY AIRFIELD	NV99799F603300	C-8-38
FUDS	TONOPAH RIFLE RANGE	NV99799F603400	C-8-38
FUDS	PLANCOR 201-C	NV99799F603900	C-8-38
FUDS	AERIAL GUNNERY RANGE NO. 4	NV99799F604200	C-8-38
FUDS	TONAPAH AIR FORCE STATION	NV99799F604300	C-7-35
FUDS	QUINN RIVER GAP FILLER ANNEX M-127A	NV99799F691600	C-8-38

DoD Component	Installation Name	FFID	Page
FUDS	NELLIS AIR FORCE RANGE, AREA A	NV99799F910600	C-7-35
FUDS	NELLIS AIR FORCE RANGE, AREA B	NV99799F910800	C-8-38
FUDS	NELLIS AIR FORCE RANGE, AREA C	NV99799F910900	C-8-38
FUDS	NELLIS AIR FORCE RANGE, AREA D	NV99799F911000	C-8-38
FUDS	NELLIS AIR FORCE RANGE, AREA E	NV99799F911100	C-7-35
FUDS	NELLIS AIR FORCE RANGE, AREA F	NV99799F911200	C-8-38
FUDS	NELLIS AIR FORCE RANGE, AREA H	NV99799F911300	C-8-38
FUDS	NELLIS AIR FORCE RANGE, AREA I	NV99799F911400	C-8-38
FUDS	FORT MCDERMITT	NV99799F986000	C-7-35
FUDS	TONOPAH ARMY AIRFIELD PRACTICE BOMBING RANGES	NV99799F989300	C-8-38
FUDS	TONOPAH BOMBING RANGE	NV99799FA26000	C-8-38
FUDS	LOVELOCK TARGET NO. 1	NV99799FA29500	C-8-38
FUDS	TORPEDO & BOMBING RANGE, PYRAMID LAKE	NV99799FA29600	C-8-38
FUDS	LOVELOCK TARGET NO. 2	NV99799FA29800	C-8-38
FUDS	FALLON BOMBING TARGET A	NV99799FA30000	C-8-38
FUDS	DIXIE VALLEY BOMBING TARGET	NV99799FA30100	C-8-38
FUDS	FALLON AERIAL GUNNERY RANGE, EAST	NV99799FA30700	C-8-38
FUDS	FALLON AERIAL GUNNERY RANGE, WEST	NV99799FA30800	C-8-38
FUDS	MILLER FLD	NY29799F105300	C-8-42
FUDS	NORTHEASTERN INDUSTRIAL PARK	NY29799F105400	C-7-41
FUDS	PLUM ISLAND ANIMAL RESEARCH CENTER	NY29799F105600	C-6-127, C-7-42
FUDS	FT MADISON BARRACKS	NY29799F105800	C-8-42
FUDS	CP HERO	NY29799F106300	C-7-40
FUDS	ENGINEER SCH	NY29799F106700	C-7-41
FUDS	NIKE NY 04/05	NY29799F106900	C-7-41
FUDS	NIKE NY-25 CON AREA	NY29799F107000	C-8-43
FUDS	NIKE NY 99	NY29799F107100	C-8-43
FUDS	NIKE NF 03	NY29799F107400	C-7-41
FUDS	NIKE BU 18	NY29799F107500	C-7-41
FUDS	NIKE BU 34/35	NY29799F107600	C-7-41
FUDS	NIKE NF-41	NY29799F107700	C-8-43

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FUDS	NIKE BU 51/52	NY29799F107800	C-7-41
FUDS	NIKE NY 29/30	NY29799F108300	C-7-41
FUDS	NIKE BU 09	NY29799F108400	C-8-43
FUDS	NIKE BAT NF16	NY29799F108500	C-8-43
FUDS	NIKE NY 09	NY29799F108600	C-7-41
FUDS	ELMIRA SUB DEPOT	NY29799F108900	C-7-41
FUDS	MADISON BKS TRGT R	NY29799F109000	C-7-41
FUDS	NIAG FALLS AR CHEM PLT	NY29799F109100	C-8-43
FUDS	PLATTSBURGH ATLAS S-1	NY29799F109200	C-7-41
FUDS	PLATTSBURGH ATLAS S-4	NY29799F109500	C-7-41
FUDS	PLATTSBURGH ATLAS S-5	NY29799F109600	C-7-41
FUDS	PLATTSBURGH ATLAS S-6	NY29799F109700	C-7-42
FUDS	PLATTSBURGH ATLAS S-7	NY29799F109800	C-8-43
FUDS	PLATTSBURGH ATLAS S-8	NY29799F109900	C-7-42
FUDS	PLATTSBURGH ATLAS S-9	NY29799F110000	C-7-42
FUDS	PLATTSBURGH ATLAS S-10	NY29799F110100	C-7-41
FUDS	PLATTSBURGH ATLAS S-11	NY29799F110200	C-7-41
FUDS	PLATTSBURGH ATLAS S-12	NY29799F110300	C-7-41
FUDS	NEW YORK ORDNANCE WORKS	NY29799F110500	C-6-127
FUDS	AFPLT NO 18	NY29799F111400	C-7-40
FUDS	AFPLT NO 49	NY29799F111600	C-8-42
FUDS	AFPLT NO 51	NY29799F111700	C-7-40
FUDS	AFPLT NO 68	NY29799F111800	C-7-40
FUDS	BANGOR GAP FIL AX	NY29799F112700	C-7-40
FUDS	CHARLOTTE CEN GFA	NY29799F114000	C-7-40
FUDS	MARATHON BAT PLT	NY29799F114200	C-8-42
FUDS	FORT H G WRIGHT	NY29799F114900	C-7-41
FUDS	FORT JAY	NY29799F115000	C-7-41
FUDS	FORT MICHIE	NY29799F115100	C-7-41
FUDS	FORT NIAGARA	NY29799F115200	C-7-41
FUDS	FORT ONTARIO	NY29799F115300	C-8-42
FUDS	FORT SLOCUM	NY29799F115500	C-7-41

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FUDS	FORT SLOCUM-NEPTUNE	NY29799F115600	C-7-41
FUDS	MILITARY OCEAN TER	NY29799F117600	C-7-41
FUDS	MITCHEL FIELD	NY29799F117800	C-6-126
FUDS	MIT COMM FAC AX #1 REC	NY29799F117900	C-7-41
FUDS	MONTGOMERY AUX FLD #1	NY29799F118200	C-7-41
FUDS	N HILL FIRE CON STA	NY29799F118900	C-8-43
FUDS	OSWEGATCHIE GAP FIL AX	NY29799F119400	C-7-41
FUDS	PLATTSBURGH OTR MK AUX	NY29799F119900	C-7-41
FUDS	R/WAY PT FCS #13	NY29799F120600	C-8-43
FUDS	SHO BEA FIRE CON STA	NY29799F121100	C-7-42
FUDS	STEWART AFB	NY29799F121400	C-7-42
FUDS	STE OBS LIGHT ANX	NY29799F121900	C-7-42
FUDS	STE OUTER MARK AX	NY29799F122000	C-7-42
FUDS	SUFFOLK COUNTY AFB	NY29799F122200	C-6-128
FUDS	SUFFOLK CO AAF&B&C RGE	NY29799F122300	C-6-127
FUDS	SUTTON COR GAP FIL AX	NY29799F122600	C-7-42
FUDS	SWINBURNE ISL S/LIGHT	NY29799F122700	C-7-42
FUDS	SYRACUSE AFS MCC-10	NY29799F122800	C-7-42
FUDS	SYRACUSE AAF	NY29799F123200	C-7-42
FUDS	IONA ISLAND NAVAL AMMUNITION DEPOT	NY29799F125000	C-6-126
FUDS	SYOSSET NAV INDRESACFT	NY29799F125200	C-7-42
FUDS	US NAV SUP DEPOT	NY29799F125500	C-6-128
FUDS	US NAV TRG DEVICE CEN	NY29799F126300	C-7-42
FUDS	NAV HOSPITAL	NY29799F126700	C-7-41
FUDS	MONTAUK NAVAL SUB BASE	NY29799F127000	C-7-41
FUDS	LOCKPORT AFS	NY29799F127400	C-7-41
FUDS	MALTA TEST STA	NY29799F128100	C-8-42
FUDS	WATERTOWN AF STA 249	NY29799F128600	C-7-42
FUDS	NAVSTORHOUSE-SHIPYARD	NY29799F129500	C-7-41
FUDS	CARTWRIGHT IS BOMB TAR	NY29799F129700	C-7-40
FUDS	ATL BASIN IRON WORKS	NY29799F130100	C-7-40
FUDS	STERLING ENGINE CO	NY29799F130700	C-7-42

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FUDS	FT TILDEN	NY29799F692200	C-7-41
FUDS	FLOYD BENNETT FLD	NY29799F692300	C-7-41
FUDS	NIKE BAT NY 15 LAUNCH	NY29799F729500	C-7-41
FUDS	ROTTERDAM INDUST. PARK	NY29799F730600	C-7-42
FUDS	LAKE ONTARIO ORDNANCE WORKS	NY29799F734500	C-6-126
FUDS	SAMPSON AFB	NY29799F759100	C-7-42
FUDS	NAVY BARRACKS BKLYN	NY29799F785200	C-7-41
FUDS	ROOSEVELT FIELD	NY29799F871000	C-7-42
FUDS	NAVY & MARINE CNTR #3	NY29799F953600	C-7-41
FUDS	NAVY TRAINING SCHOOL	NY29799F954700	C-7-41
FUDS	COLD SPRING FOUNDRY	NY29799F980900	C-8-42
FUDS	CLEVELAND TANK TESTING FARM	OH59799F348100	C-7-44
FUDS	MARBLEHEAD GAP FILLER ANX	OH59799F363500	C-8-46
FUDS	LOCKBOURNE AIR FORCE BASE	OH59799F363700	C-6-135
FUDS	PLUM BROOK ORD WORKS	OH59799F364100	71, C-6-136
FUDS	ERIE ARMY DEPOT	OH59799F364500	C-7-44
FUDS	NIKE CD-27 - WILMINGTON	OH59799F364800	C-8-46
FUDS	NIKE CD-78 - OXFORD	OH59799F365000	C-8-46
FUDS	NIKE CL-13 - EASTLAKE	OH59799F365400	C-8-46
FUDS	NIKE CL-48 - GARFIELD HEIGHTS	OH59799F365600	C-7-45
FUDS	NIKE CL-59 - PARMA HGHTS LAUNCH AREA	OH59799F365700	C-7-45
FUDS	BELLEFONTAINE AFS Z-73	OH59799F366000	C-8-46
FUDS	ALUMINUM FORGING PLANT NO. 47	OH59799F366300	C-8-46
FUDS	BROOKFIELD AFS	OH59799F366500	C-8-46
FUDS	KINGS MILL ORDNANCE PLANT	OH59799F366900	C-8-46
FUDS	FLETCHER GEN HOSPITAL	OH59799F367000	C-8-46
FUDS	FORT HAYES	OH59799F367100	C-8-46
FUDS	LEWISVILLE GAP FILLER ANX	OH59799F367200	C-8-46
FUDS	LORDSTOWN ORDNANCE DEPOT	OH59799F367400	C-7-45
FUDS	MARION ENGINEER DEPOT	OH59799F367500	71, C-7-45
FUDS	ROSSFORD AD	OH59799F367800	C-7-45
FUDS	SHARONVILLE ENGR DEPOT	OH59799F367900	C-8-46

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FUDS	RIDGEWOOD ARMY WEAPONS PLANT	OH59799F368000	C-8-46
FUDS	PLYMOUTH USARC	OH59799F368400	C-8-46
FUDS	YOUNGSTOWN MUNIC AIRPORT	OH59799F370200	C-7-45
FUDS	WILKINS AIR FORCE STATION	OH59799F371300	C-7-45
FUDS	SCIOTO ORDNANCE PLANT	OH59799F371500	C-7-45
FUDS	OHIO RUBBER COMPANY	OH59799F371700	C-7-45
FUDS	COLUMBUS NAVAL AIR STATION	OH59799F862600	C-7-44
FUDS	CLINTON COUNTY AIR FORCE BASE	OH59799F873200	C-7-44
FUDS	CLEVELAND PLANT	OH59799F883400	C-7-44
FUDS	VANCE VOR ANNEX	OK69799F635600	C-8-48
FUDS	VANCE OUTER MARKER ANNEX	OK69799F635700	C-8-48
FUDS	EL RENO QUARTERMASTER DEPOT	OK69799F635800	C-8-47
FUDS	CAMP GRUBER	OK69799F636000	C-6-138
FUDS	CLINTON SHERMAN AFB	OK69799F636100	C-7-45
FUDS	OKLAHOMA ORDNANCE WORKS	OK69799F636200	C-6-139
FUDS	PAR #2 WIL BON FLY SCHOOL	OK69799F636400	C-8-48
FUDS	BORDEN GEN HOSP	OK69799F636500	C-8-47
FUDS	DRUMMOND AUX FLD NO 1	OK69799F636700	C-8-47
FUDS	GR SALT PL BOMB RGE	OK69799F636900	C-7-45
FUDS	MUSKOGEE HIGH ENG FUEL PL	OK69799F637100	C-8-47
FUDS	HOMER BEACON ANNEX	OK69799F637500	C-8-47
FUDS	ARDMORE AIR FORCE BASE	OK69799F637600	C-7-45
FUDS	BARTLESVILLE AFS	OK69799F637700	C-8-47
FUDS	EAKER AUX NAV AF	OK69799F637900	C-8-47
FUDS	WOODRING AUX FIELD	OK69799F638000	C-8-48
FUDS	MIDWEST AIR SCH	OK69799F638100	C-8-47
FUDS	FREDERICK AIRPORT INDUSTRIAL PARK	OK69799F638300	C-7-45
FUDS	GAGE AUX AIRFIELD	OK69799F638400	C-8-47
FUDS	ADV TWIN ENG FLY SCH	OK69799F638600	C-8-47
FUDS	SHAWNEE NAVAL AIR STATION	OK69799F639100	C-7-45
FUDS	OLUSTEE AUX AAF	OK69799F639400	C-8-48
FUDS	NORMAN NAVAL AIR STATION	OK69799F639600	C-8-48

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FUDS	NAVAL AIR TECH TRG CEN	OK69799F639700	C-7-45
FUDS	MUSKOGEE AUX AF	OK69799F639800	C-7-45
FUDS	MUSKOGEE ARMY AIR FIELD	OK69799F639900	C-8-47
FUDS	WOODWARD ARMY AIRFIELD	OK69799F640100	C-8-48
FUDS	ATLAS MISSILE NO. 1	OK69799F640300	C-8-47
FUDS	ATLAS MISSILE NO. 2	OK69799F640400	C-8-47
FUDS	ATLAS MISSILE NO. 3	OK69799F640500	C-8-47
FUDS	ATLAS MISSILE NO. 4	OK69799F640600	C-8-47
FUDS	ATLAS MISSILE NO. 5	OK69799F640700	C-8-47
FUDS	ATLAS MISSILE NO. 6	OK69799F640800	C-8-47
FUDS	ATLAS MISSILE NO. 8	OK69799F641000	C-8-47
FUDS	ATLAS MISSILE NO. 9	OK69799F641100	C-8-47
FUDS	ATLAS MISSILE NO. 10	OK69799F641200	C-8-47
FUDS	ATLAS MISSILE NO. 11	OK69799F641300	C-8-47
FUDS	ALTUS SMALL ARMS RANGE	OK69799F642200	C-8-47
FUDS	VANCE TRG AX GCA	OK69799F642500	C-8-48
FUDS	DELHI AUXILIARY AIR FIELD	OK69799F643300	C-7-45
FUDS	NAVAL GROUND GUNNERY SCHOOL	OK69799F730000	C-8-48
FUDS	POWELL POW CAMP	OK69799F807000	C-8-48
FUDS	PORTLAND AIR BASE	OR09799F034200	C-8-49
FUDS	ASTORIA AIRPORT	OR09799F136300	C-8-48
FUDS	CAMP ADAIR/ADAIR AFS	OR09799F306700	C-6-140
FUDS	OLD CAMP ABBOTT	OR09799F307000	C-6-142
FUDS	BAKER AFS	OR09799F307200	C-8-48
FUDS	BEAVER ARMY TERMINAL	OR09799F307300	C-8-48
FUDS	BOARDMAN AIR FORCE RANGE	OR09799F307600	C-6-140
FUDS	BURNS AFSTA	OR09799F307900	C-8-48
FUDS	CENTRAL OREGON GUN RANGE	OR09799F308600	C-8-48
FUDS	COLD SPRINGS BOMBING RANGE	OR09799F308800	C-7-46
FUDS	FORT STEVENS MIL RES	OR09799F308900	C-8-49
FUDS	CONDON AFS	OR09799F309000	C-8-49
FUDS	CORVALLIS AAF	OR09799F309200	C-8-49

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FUDS	DOUGLAS NG GUARD TARGET	OR09799F309400	C-8-49
FUDS	NORTH BEND AFS (2-12)	OR09799F311900	C-8-49
FUDS	NORTHWEST MANEUVER AREA	OR09799F312000	C-6-141
FUDS	PENDLETON FIELD	OR09799F312100	C-8-49
FUDS	PENDLETON BOMBING RANGE	OR09799F312200	C-8-49
FUDS	PHILOMATH GAP FILLER	OR09799F312300	C-8-49
FUDS	ROSEBURG RIFLE RANGE	OR09799F313300	C-7-46
FUDS	S E OREGON GUNNERY RANGE	OR09799F313600	C-7-46
FUDS	USARC ASTORIA	OR09799F314000	C-8-49
FUDS	NAV AIR STA, TONGUE POINT	OR09799F314700	C-6-141, C-7-46
FUDS	NAV AIR STA, TILLAMOOK	OR09799F315200	C-8-49
FUDS	HECETA HEAD LIGHTHOUSE	OR09799F316900	C-8-49
FUDS	NORTH BEND AIRPORT	OR09799F808500	C-7-46
FUDS	KINGSLEY FIRING RANGE ANNEX	OR09799F808700	C-6-141
FUDS	KINGSLEY FIELD	OR09799F853900	C-7-46
FUDS	COAST GUARD BASE, TONGUE POINT	OR09799F874200	C-8-48
FUDS	SWAN ISLAND NAVAL-MARINE CORPS RESERVE CENTER	OR09799F874900	C-7-46
FUDS	MIDDLETOWN AIR DEPOT	PA39799F144500	C-8-51
FUDS	FRANKFORD ARSENAL	PA39799F144700	C-6-144, C-7-46
FUDS	KEYSTONE ORDNANCE WORKS	PA39799F144800	C-7-46
FUDS	SUSQUEHANNA ORDNANCE SUB-DEPOT	PA39799F144900	C-7-47
FUDS	AVCO LYCOMING SF SITE	PA39799F145100	C-8-51
FUDS	NIKE PI-02 (RURAL RIDGE)	PA39799F145200	C-8-51
FUDS	NIKE PH-07 (RICHBORO)	PA39799F145400	C-8-51
FUDS	NIKE PI-03 (DORSEYVILLE)	PA39799F145700	C-8-51
FUDS	NIKE PI-36 (NORTH HUNTINGDON)	PA39799F145800	C-8-51
FUDS	NIKE PI-37 (RILLTON)	PA39799F145900	C-8-51
FUDS	NIKE PI-71 (CORAOPOLIS)	PA39799F146100	C-8-51
FUDS	NIKE PH-15 (BRISTOL)	PA39799F146400	C-8-51
FUDS	NIKE PH-67 (CHESTER)	PA39799F146500	C-8-51

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FUDS	NIKE PH-75/78 (MEDIA)	PA39799F146600	C-7-47
FUDS	NIKE PH-91 (WORCESTER)	PA39799F146800	C-8-51
FUDS	NIKE PH-97/99 (LANSDALE)	PA39799F146900	C-8-51
FUDS	TOBYHANNA ARTILLERY RANGE	PA39799F147000	C-6-144
FUDS	NEW CUMBERLAND ARMY DEPOT	PA39799F147200	C-7-47
FUDS	AAF INTELLIGENCE SCH	PA39799F147700	C-8-51
FUDS	BIRDSBORO ARMY TANK FOUNDRY	PA39799F147800	C-8-51
FUDS	CROSS AND HEARTHSTONE MOUNTAIN	PA39799F148300	C-8-51
FUDS	LOCK HAVEN NATL GUARD FACILITY	PA39799F148500	C-7-47
FUDS	FORT MIFFLIN / HOG ISLAND FACILITIES	PA39799F148700	C-8-51
FUDS	VALLEY FORGE GENERAL HOSPITAL	PA39799F150000	C-8-51
FUDS	HANOVER GAP FILLER ANX	PA39799F150600	C-8-51
FUDS	MARIETTA AIR FORCE STATION	PA39799F150900	C-7-47
FUDS	READING AAF	PA39799F151100	C-7-47
FUDS	NAVY INDUSTRIAL RESERVE GEAR PLANT	PA39799F151700	C-8-51
FUDS	NAVY SHIP PARTS CONTROL CENTER	PA39799F151800	C-8-51
FUDS	NAVAL RESERVE CENTER (ALLENTOWN)	PA39799F152800	C-8-51
FUDS	MARINE CORPS TRAINING CENTER (FREEMANSBURG)	PA39799F152900	C-8-51
FUDS	MARINE CORPS RESERVE CENTER (ERIE)	PA39799F153000	C-8-51
FUDS	MONACA AIR FORCE POL STATION	PA39799F153300	C-7-47
FUDS	AIR FORCE PLANT 45	PA39799F153500	C-8-51
FUDS	OLMSTED AIR FORCE BASE	PA39799F153700	C-8-51
FUDS	ESSINGTON NG TAR RNG	PA39799F154100	C-7-46
FUDS	YORK NAVAL ORDNANCE PLANT	PA39799F154500	C-7-47
FUDS	NAS NEWCUMBERLAND	PA39799F155200	C-8-51
FUDS	PLANCOR 400 BETH FGE C	PA39799F155400	C-8-51
FUDS	CONNELLSVILLE AIRPORT	PA39799F155900	C-7-46
FUDS	OLMSTED AFB (SUNSET ANNEX)	PA39799F807300	C-7-47
FUDS	SOUTH PARK MILITARY RESERVATION	PA39799F808000	C-8-51
FUDS	CROYLAND PLANT	PA39799F825300	C-8-51
FUDS	SHAMOKIN GENERAL DEPOT	PA39799F825600	C-8-51
FUDS	NIKE PI-52 (FINLEYVILLE)	PA39799F924900	C-8-51

DoD Component	Installation Name	FFID	Page
FUDS	NIKE PI-42 (ELIZABETH TWP)	PA39799F925000	C-8-51
FUDS	CLAYSBURG AIR FORCE STATION	PA39799F927100	C-8-51
FUDS	CAMP REYNOLDS	PA39799F929800	C-7-46
FUDS	CAMP TORTUGUERO FIRE RANGE	PR29799F413400	C-7-47
FUDS	VIEQUES AIRPORT	PR29799F413800	C-8-52
FUDS	CAMP TORTUGUERO	PR29799F414200	C-8-52
FUDS	CULEBRA PUERTO RICO	PR29799F414300	C-6-146
FUDS	DESECHEO ISLAND	PR29799F414400	C-6-146
FUDS	ARECIBO AUX AIR DROME	PR29799F414600	C-7-47
FUDS	DORADO AUX AIRDROOME	PR29799F414900	C-8-52
FUDS	SABANA SECA AMMO STORAGE AREA	PR29799F415900	C-8-52
FUDS	RAMEY AIR FORCE BASE	PR29799F417500	C-7-47
FUDS	NAVAL STATION SAN JUAN	PR29799F417600	C-6-147
FUDS	HENRY BARRACKS	PR29799F417900	C-7-47
FUDS	CAMP O'REILLY	PR29799F418000	C-7-47
FUDS	FT BROOKE	PR29799F418300	C-7-47
FUDS	FT BUCHANAN	PR29799F418400	C-7-47
FUDS	FORT AMEZQUITA	PR29799F726200	C-8-52
FUDS	POINT LIMA GUN EMPLACEMENT	PR29799F726400	C-7-47
FUDS	PUERTO RICO BOMB RANGE	PR29799F726600	C-7-47
FUDS	SAN PATRICIO HOSPITAL	PR29799F835900	C-7-47
FUDS	NAVAL AUX LANDING FIELD	RI19799F210600	C-7-48
FUDS	NIKE PR-69	RI19799F210700	C-8-53
FUDS	QUONSET POINT NAS	RI19799F210900	C-6-149
FUDS	NETC NEWPORT	RI19799F211000	C-7-48
FUDS	SACHUEST PT-NPORT NCM	RI19799F211100	C-7-48
FUDS	FT ADAMS	RI19799F211200	C-8-52
FUDS	BRISTOL NIKE 38	RI19799F211300	C-8-52
FUDS	NIKE CONTROL PR-58	RI19799F211400	C-8-53
FUDS	NIKE PR-79	RI19799F211500	C-6-148
FUDS	BEAVERTAIL PT.NAV COMM	RI19799F211600	C-8-52
FUDS	BRENTON POINT FC STA	RI19799F211900	C-8-52

DoD Component	Installation Name	FFID	Page
FUDS	FORT CHURCH	RI19799F212500	C-8-52
FUDS	FORT GETTY	RI19799F212600	C-8-52
FUDS	FORT NAT GREENE	RI19799F212700	C-7-48
FUDS	FORT WETHERILL NUSC	RI19799F213000	C-8-52
FUDS	GOULD ISLAND NUSC	RI19799F213100	C-7-48
FUDS	HILLSGROVE AAF	RI19799F213300	C-8-52
FUDS	HULL COVE FIRE CON STA	RI19799F213400	C-8-53
FUDS	PRUDENCE ISL NAV SUP	RI19799F213600	C-7-48
FUDS	PROSPECT HILL FCS	RI19799F214000	C-8-53
FUDS	HOPE ISL NAS	RI19799F214200	C-8-52
FUDS	TIV AF POL RET DIS STA	RI19799F214400	C-8-53
FUDS	ROSE ISL	RI19799F214900	C-7-48
FUDS	DUTCH ISL	RI19799F215400	C-7-48
FUDS	NETC(MELVILLE IND FAC)	RI19799F215500	C-7-48
FUDS	QUARRY DISPOSAL SITE	RI19799F215600	C-7-48
FUDS	DEVIL'S FOOT ROAD	RI19799F215700	C-8-52
FUDS	BLUE BEACH	RI19799F215800	C-7-48
FUDS	US NAVAL REC CP	RI19799F735500	C-7-48
FUDS	ANTI-AIRCRAFT TRNG CNTR	RI19799F735700	C-8-52
FUDS	NAVAL AUX AIR FAC	RI19799F741700	C-7-48
FUDS	A-A GUN	RI19799F805400	C-7-48
FUDS	FORT MANSFIELD	RI19799F810700	C-8-52
FUDS	OAKS INN BATTERY	RI19799F810800	C-8-53
FUDS	NAVAL DIR FINDER STA	RI19799F882900	C-7-48
FUDS	GOAT ISLAND NAVAL BASE	RI19799F883200	C-8-52
FUDS	CHARLESTON ARMY DEPOT	SC49799F491900	C-8-53
FUDS	CP CROFT	SC49799F492600	C-6-152
FUDS	SAND HILLS BMB&GN RG	SC49799F492700	C-6-152
FUDS	GEORGETOWN BMB&GN RG	SC49799F492800	C-7-49
FUDS	CONWAY BMB&GUNRY RNG	SC49799F492900	C-6-151
FUDS	UNION BMB&GUNRY RNG	SC49799F493000	C-7-49
FUDS	C-STON BOMBING RNG 1	SC49799F493300	C-7-49

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FUDS	MCCLELLANVILLE BMB 2	SC49799F493400	C-7-49
FUDS	ANDREWS BMB RNG 2	SC49799F493600	C-7-49
FUDS	PONTIAC BMB RNG	SC49799F493700	C-7-49
FUDS	LK MURRAY BMB RNG	SC49799F493800	C-7-49
FUDS	LK ISAQUEENA BOM RNG	SC49799F493900	C-7-49
FUDS	AIKEN AAF	SC49799F494200	C-7-49
FUDS	BARNWELL MUN ARPT	SC49799F494300	C-8-53
FUDS	FLORENCE AAF	SC49799F494500	C-7-49
FUDS	DONALDSON AFB	SC49799F494600	C-6-152
FUDS	CORONACA AAF	SC49799F494700	C-8-53
FUDS	COLUMBIA AAB	SC49799F494900	C-7-49
FUDS	WALTERBORO AAF	SC49799F495000	C-8-54
FUDS	GFA (Z-113A)	SC49799F497300	C-8-53
FUDS	STARK GENERAL HOSP	SC49799F497800	C-8-54
FUDS	CHARLESTON SM ARA	SC49799F498200	C-8-53
FUDS	C-TON NAV IND RES SYAR	SC49799F498800	C-8-53
FUDS	CAMDEN AAF	SC49799F499600	C-8-53
FUDS	ANDERSON AAF	SC49799F500100	C-8-53
FUDS	MYRTLE BEACH B&G RANGE	SC49799F802300	C-7-49
FUDS	DUPONT	SC49799F805500	C-7-49
FUDS	GREAT FALLS R RNG	SC49799F939900	C-7-49
FUDS	BLACK HILLS ORD DPT	SD89799F077100	C-6-153
FUDS	PINE RIDGE GUNNERY RANGE	SD89799F077200	C-6-153
FUDS	ELLSWORTH AFB NIKE BATTERY E-20	SD89799F077500	C-8-54
FUDS	ELLSWORTH AFB NIKE BATTERY E-40	SD89799F077600	C-8-54
FUDS	ELLSWORTH AFB NIKE BATTERY E-01	SD89799F077700	C-8-54
FUDS	ELLSWORTH AFB NIKE BATTERY E-70	SD89799F077800	C-8-54
FUDS	ELLSWORTH AFB AF FAC S-1	SD89799F077900	C-8-54
FUDS	ELLSWORTH AFB AF FAC S2	SD89799F078000	C-8-54
FUDS	ELLSWORTH AFB AF FAC S-3	SD89799F078100	C-8-54
FUDS	RAPID CITY SMALL ARMS RGE AX	SD89799F079400	C-7-50
FUDS	SIoux FALLS AAF RIFLE RGE	SD89799F079800	C-7-50

DoD Component	Installation Name	FFID	Page
FUDS	ELLSWORTH AFB COMM AX (REC)	SD89799F079900	C-8-54
FUDS	GETTYSBURG FAMILY HOUSING AX	SD89799F080300	C-8-54
FUDS	GETTYSBURG WASTE AX	SD89799F080400	C-8-54
FUDS	INTERIOR ANG SITE	SD89799F080600	C-8-54
FUDS	PICKSTOWN AFS Z-134	SD89799F080700	C-8-54
FUDS	ARMSTRONG COUNTY ATG GUN RGE	SD89799F080800	C-7-50
FUDS	FORT MEADE TARGET RGE	SD89799F084400	C-8-54
FUDS	MCINTOSH GAP FILLER AX TM-177C	SD89799F084500	C-8-54
FUDS	MITCHELL PRE BOMB RGE #3	SD89799F084700	C-6-153
FUDS	MITCHELL PRE BOMB RGE #4	SD89799F084800	C-7-50
FUDS	PIERRE ARMY AIR FIELD	SD89799F085000	C-8-54
FUDS	RAPID CITY AIR TO GROUND GUNNERY RGE	SD89799F085200	C-6-154
FUDS	RAPID CITY PRE BOM RGE #1	SD89799F085300	C-6-154
FUDS	RAPID CITY PRE BOM RGE #2	SD89799F085400	C-7-50
FUDS	SIOUX CITY PRE BOM RGE #2	SD89799F085500	C-8-54
FUDS	SIOUX CITY PRE BOM RGE #6	SD89799F085600	C-8-54
FUDS	WATERTOWN ATG GUN RGE	SD89799F085800	C-7-50
FUDS	WATERTOWN AAF	SD89799F085900	C-7-50
FUDS	WATERTOWN PRE BOMB RGE	SD89799F086000	C-7-50
FUDS	WATERTOWN RIFLE RANGE	SD89799F086100	C-7-50
FUDS	YANKTON ATG GUN RGE	SD89799F086200	C-7-50
FUDS	WILLIAM NORTHERN FIELD	TN49799F350300	C-8-55
FUDS	BRADYVILLE GAP FILLER ANNEX	TN49799F350400	C-8-55
FUDS	MILLINGTON ORD WORKS	TN49799F351300	C-8-55
FUDS	SOUTHEASTERN ENERGY INC.	TN49799F351400	C-8-55
FUDS	MONSANTO CHEMICAL COMPANY	TN49799F351600	C-8-55
FUDS	DYERSBURG ARMY AF	TN49799F351700	C-7-50
FUDS	DYERSBURG AAF TO GROUND GUNNERY RANGE & EXPANSION	TN49799F351800	C-7-50
FUDS	DYERSBURG ARMY AIRFIELD BOMBING RANGE NO. 1	TN49799F351900	C-7-50
FUDS	DYERSBURG ARMY AIRFIELD TURRET GUNNERY RANGE	TN49799F352000	C-7-50

DoD Component	Installation Name	FFID	Page
FUDS	SPENCER ARTILLERY RANGE	TN49799F352200	C-6-157
FUDS	MAURY C.W.S. PLANT	TN49799F352400	C-8-55
FUDS	RIDGELY PRECISION BOMBING RANGE NO. 2	TN49799F352700	C-8-55
FUDS	TULLA BMBG & GUNRY RGE	TN49799F352800	C-6-157
FUDS	SEWART AFB	TN49799F353200	C-7-50
FUDS	MOTLOW RANGE	TN49799F353700	C-6-156
FUDS	WRIGLEY CHARCOAL	TN49799F711700	C-8-55
FUDS	MILAN ARMY AMMUNITION PLANT	TN49799FA20700	C-8-55
FUDS	TENNESSEE MANEUVER AREA	TN49799FA21000	C-8-55
FUDS	NOLAN CREEK PARK	TX69799F643700	C-8-57
FUDS	RANDOLPH MIL AF	TX69799F644000	C-8-57
FUDS	CAMP BARKELEY (FORT BARKLEY)	TX69799F644200	C-6-161
FUDS	CAMP BOWIE	TX69799F644400	C-6-161
FUDS	FORT CLARK	TX69799F644600	C-6-164
FUDS	CAMP HOWZE (FELDERHOFF)	TX69799F644700	C-6-162
FUDS	CAMP HULEN (PALACIOS IND. CO.)	TX69799F644800	C-6-162
FUDS	FT HOOD-FORMER SWG P	TX69799F645000	C-8-57
FUDS	SAN ANTONIO ARSENAL	TX69799F645100	C-7-54
FUDS	NAS KINGSVILLE	TX69799F645200	C-8-57
FUDS	ROCKPORT AIRPORT	TX69799F645400	C-8-57
FUDS	NAV SHIP BERTH FACILITY	TX69799F645600	C-8-57
FUDS	WEBB AIR FORCE BASE	TX69799F645700	C-7-54
FUDS	FIVE POINTS OLF(TWINPARKSESTATES)	TX69799F645800	C-7-52
FUDS	EAGLE PASS AAF	TX69799F646000	C-7-52
FUDS	CAMP WOLTERS	TX69799F646400	C-6-163
FUDS	SAN JACINTO ORD DEPOT	TX69799F646600	C-7-54
FUDS	VAN VLECK GAP FILLER	TX69799F647000	C-8-57
FUDS	FANNETT GAP	TX69799F647200	C-8-57
FUDS	ALICE AIRPORT	TX69799F647300	C-8-56
FUDS	SCHOLES FIELD	TX69799F647500	C-7-54
FUDS	ALOE ARMY AIRFIELD	TX69799F647700	C-7-51
FUDS	CASTNER RANGE	TX69799F648000	C-6-163

DoD Component	Installation Name	FFID	Page
FUDS	DYESS AFB-NIKE DY10	TX69799F648100	C-8-57
FUDS	ELLINGTON FIELD, TX (HOUSTON)	TX69799F648200	C-8-57
FUDS	MATAGORDA ISLAND AF RANGE	TX69799F648300	C-6-164
FUDS	MOORE AFB (MFVP)	TX69799F648400	C-8-57
FUDS	CAMP FANNIN	TX69799F648600	C-7-52
FUDS	PAMPA ARMY AIRFIELD (K06TX016101)	TX69799F648700	C-7-54
FUDS	ATLAS MISSILE NO.7 (K06OK0407)	TX69799F648800	C-7-51
FUDS	ABILENE BOMBING GUN RANGE	TX69799F649200	C-7-51
FUDS	ALAMO FIELD	TX69799F649500	C-8-56
FUDS	AMARILLO AIR FORCE BASE	TX69799F649900	C-6-161
FUDS	AMARILLO AAF SM FIR RANGE	TX69799F650100	C-7-51
FUDS	ATLAS AF FAC S-2	TX69799F650400	C-8-56
FUDS	ATLAS AF FACILITY S-3	TX69799F650500	C-8-56
FUDS	ATLAS AF FACILITY S-4	TX69799F650600	C-8-56
FUDS	ATLAS AF FACILITY S-5	TX69799F650700	C-8-56
FUDS	ATLAS AF FACILITY S-6	TX69799F650800	C-8-56
FUDS	ATLAS AF FAC S-8	TX69799F651000	C-7-51
FUDS	ATLAS AF FACILITY S-9	TX69799F651100	C-7-51
FUDS	ATLAS AF FAC S-10	TX69799F651200	C-7-51
FUDS	ATLAS AF FACILITY S-11	TX69799F651300	C-8-56
FUDS	ATLAS AF FACILITY S-12	TX69799F651400	C-7-51
FUDS	BLACKLAND AAF	TX69799F651900	C-8-56
FUDS	STINSON FIELD	TX69799F652300	C-8-57
FUDS	S PLAINS ARMY AIR FIELD	TX69799F652600	C-7-54
FUDS	SAN ANGELO ARMY AF	TX69799F652900	C-7-54
FUDS	RED RIVER ARS RIF RANGE	TX69799F653300	C-6-166
FUDS	PYOTE AAF BOMB RGE #4	TX69799F653500	C-7-54
FUDS	PYOTE AAF BOMB RGE #3	TX69799F653600	C-7-54
FUDS	PYOTE AAF PRA BOM RGE #2	TX69799F653700	C-7-54
FUDS	PYOTE AAF BOMB RGE #1	TX69799F653800	C-7-54
FUDS	PYOTE AAF A-G GUNNERY RANGE	TX69799F653900	C-6-165
FUDS	PYOTE AAF GROUND GUNNERY RANGE	TX69799F654000	C-6-166

DoD Component	Installation Name	FFID	Page
FUDS	PERRIN AFB	TX69799F654900	C-7-54
FUDS	PANTEX ORDNANCE PLANT (TX TECH)	TX69799F655100	C-7-54
FUDS	PANTEX PLANT (FORMERLY PANTEX ORDNANCE PLANT)	TX69799F655100, TX69799F676300	C-7-54, C-8-57
FUDS	PALACIOS AFB	TX69799F655600	C-7-54
FUDS	OZONA AF STATION TM-187	TX69799F655800	C-8-57
FUDS	MIDLAND PREC BOMB RGE #23	TX69799F656600	C-8-57
FUDS	MIDLAND AAF TAR RGE #18	TX69799F656700	C-7-53
FUDS	MIDLAND AAF TAR RGE #19	TX69799F656800	C-7-53
FUDS	MIDLAND AAF TAR RGE #20	TX69799F656900	C-7-53
FUDS	MIDLAND AAF TAR RGE #21	TX69799F657000	C-7-53
FUDS	MIDLAND AAF TAR RGE #22	TX69799F657100	C-7-53
FUDS	MIDLAND AAF TAR RGE #17	TX69799F657400	C-7-53
FUDS	MIDLAND AAF TAR RGE #16	TX69799F657500	C-7-53
FUDS	MIDLAND AAF TAR RGE #15	TX69799F657600	C-7-53
FUDS	MIDLAND AAF TAR RGE #14	TX69799F657700	C-7-53
FUDS	MIDLAND AAF TAR RGE #13	TX69799F657800	C-7-53
FUDS	MIDLAND AAF TAR RGE #12	TX69799F657900	C-7-53
FUDS	MIDLAND AAF TAR RGE #11	TX69799F658000	C-7-53
FUDS	MIDLAND AAF TAR RGE #10	TX69799F658100	C-7-53
FUDS	MIDLAND AAF TAR RGE #9	TX69799F658200	C-7-53
FUDS	MIDLAND AAF TAR RGE #8	TX69799F658300	C-7-53
FUDS	MIDLAND AAF TAR RGE #7	TX69799F658400	C-7-53
FUDS	MIDLAND AAF TAR RGE NO 6	TX69799F658500	C-7-54
FUDS	MIDLAND AAF TAR RGE #5	TX69799F658600	C-7-53
FUDS	MIDLAND AAF TAR RGE #4	TX69799F658700	C-7-53
FUDS	MIDLAND AAF TAR RGE NO 3	TX69799F658800	C-7-53
FUDS	MIDLAND AAF TAR RGE NO 1	TX69799F658900	C-7-53
FUDS	MIDLAND ARMY AIR FIELD	TX69799F659000	C-7-54
FUDS	MIDLAND AAF TAR RGE NO 2	TX69799F659100	C-7-53
FUDS	MCGEE BEND PREC BOMB RGE	TX69799F659800	C-7-53
FUDS	LAREDO AFB	TX69799F660300	C-7-53
FUDS	KIEL PREC BOBM RGE #2	TX69799F660800	C-7-53

DoD Component	Installation Name	FFID	Page
FUDS	JAMES CONNALLY AFB	TX69799F660900	C-7-53
FUDS	HONDO ARMY AIR FIELD	TX69799F661200	C-7-53
FUDS	HEREFORD POW CAMP	TX69799F661300	C-8-57
FUDS	GARY (EDWARD) AFB	TX69799F662100	C-7-53
FUDS	FORT WORTH ARMY DEPOT	TX69799F662800	C-7-53
FUDS	FT RINGGOLD	TX69799F663400	C-8-57
FUDS	FT MCINTOSH	TX69799F663500	C-8-57
FUDS	EAGLE MOUN AAC MAINT FAC	TX69799F664000	C-7-52
FUDS	DUNCANVILLE AFS (P-78)	TX69799F664100	C-8-57
FUDS	DELMITA GAP FILLER AX	TX69799F664400	C-8-57
FUDS	DA-FT WOR DEF NIKE BAT 20	TX69799F664700	C-8-57
FUDS	DENTON NIKE (DFW NIKE BAT 1)	TX69799F664800	C-8-57
FUDS	DALHART GRO GUNN RANGE	TX69799F664900	C-8-57
FUDS	DALHART PREC BOMB RGE 3-4	TX69799F665000	C-6-164
FUDS	DALHART AAF	TX69799F665100	C-7-52
FUDS	DALHART AF AUX FIELD #1	TX69799F665300	C-8-57
FUDS	COMSTOCK GA FIL AX TM1873	TX69799F665600	C-8-57
FUDS	CHILDRESS AAF BOMB RG #18	TX69799F666000	C-7-52
FUDS	CHILDRESS AAF BOMB RANGE #16	TX69799F666100	C-7-52
FUDS	CHILDRESS AAF BOMB RG #15	TX69799F666200	C-7-52
FUDS	CHILDRESS AAF BOMB RG #14	TX69799F666300	C-7-52
FUDS	CHILDRESS AAF BOMB RG #13	TX69799F666400	C-7-52
FUDS	CHILDRESS AAF BOMB RG #12	TX69799F666500	C-7-52
FUDS	CHILDRESS AAF BOMB RG #10	TX69799F666600	C-7-52
FUDS	CHILDRESS AAF BOMB RGE #9	TX69799F666700	C-7-52
FUDS	CHILDRESS AAF BOMB RGE # 3	TX69799F666800	C-7-52
FUDS	CHILDRESS AAF BOMB RGE #7	TX69799F666900	C-7-52
FUDS	CHILDRESS AAF BOMB RGE #6	TX69799F667000	C-7-52
FUDS	CHILDRESS AAF BOMB RGE #2	TX69799F667100	C-7-52
FUDS	CHILDRESS AAF BOMB RGE #4	TX69799F667200	C-7-52
FUDS	CHILDRESS AAF BOMB RGE # 5	TX69799F667300	C-7-52
FUDS	CHILDRESS AAF BOMB RGE # 8	TX69799F667400	C-7-52

DoD Component	Installation Name	FFID	Page
FUDS	CHILDRESS AAF BOMB RGE #1	TX69799F667500	C-7-52
FUDS	CACTUS ORDNANCE WORKS	TX69799F668200	C-8-57
FUDS	CAMP SWIFT	TX69799F668500	C-6-163
FUDS	CAMP MAXEY	TX69799F668600	C-6-162
FUDS	BRYAN AFB	TX69799F669200	C-7-52
FUDS	BROWNWOOD AAF	TX69799F669300	C-8-56
FUDS	BREMEN PREC BOMB RGE #1	TX69799F669500	C-7-52
FUDS	BLUEBONNET ORD PLANT	TX69799F669900	C-7-51
FUDS	BERGSTROM TVOR ANNEX	TX69799F670200	C-8-56
FUDS	BERGSTROM BG-80	TX69799F670300	C-8-56
FUDS	MARFA AAF	TX69799F670800	C-7-53
FUDS	PECOS AAF	TX69799F671500	C-7-54
FUDS	PECOS AAF HIGH AUX FLD #1	TX69799F671600	C-7-54
FUDS	PECOS AAF TOY AUX FLD #4	TX69799F671800	C-7-54
FUDS	PECOS AAF CRYSTAL AUX FLD #5	TX69799F671900	C-8-57
FUDS	PECOS AAF RAD RGE SITE	TX69799F672000	C-8-57
FUDS	FLAMINGO PROPERTIES CO (REV.)	TX69799F672100	C-7-52
FUDS	FOSTER AIR FORCE BASE	TX69799F672200	C-7-53
FUDS	CAMP HULEN (CIVILIAN HOUSING)	TX69799F673000	C-8-57
FUDS	HARLINGEN AFB	TX69799F673300	C-7-53
FUDS	ROCKPORT AFS (AC&W)	TX69799F673600	C-8-57
FUDS	HEARNE ALIEN ENEMY INTERNMENT CAMP	TX69799F674300	C-8-57
FUDS	ZAPATA AFS	TX69799F674400	C-8-57
FUDS	ORANGE - US STEEL CORP	TX69799F675200	C-8-57
FUDS	ORANGE PORT OF NAV SHIP STOR	TX69799F675300	C-7-54
FUDS	NAS HITCHCOCK (FLAMINGO PROP)	TX69799F675500	C-8-57
FUDS	HOSKINS MOUND AF BOMBING RNG	TX69799F676000	C-7-53
FUDS	NAV LAB TRANSMITTER SITE	TX69799F676100	C-8-57
FUDS	PANTEX ORDNANCE (DOE)	TX69799F676300	C-8-57
FUDS	LAGUNA MADRE GUNNERY RANGE	TX69799F676400	C-7-53
FUDS	NIKE BG-40	TX69799F676500	C-8-57
FUDS	BRADY PRISONER OF WAR CAMP	TX69799F742300	C-8-56

DoD Component	Installation Name	FFID	Page
FUDS	CYCLONE HILL PRECISION BOMBING RANGE	TX69799F742400	C-7-52
FUDS	RIVERSIDE PRISONER OF WAR CAMP	TX69799F742700	C-8-57
FUDS	LAREDO AUXILIARY FIELD NO. 1	TX69799F742800	C-8-57
FUDS	CABINESS FIELD	TX69799F753500	C-8-57
FUDS	MINERAL WELLS MUNICIPAL AIRPORT	TX69799F758100	C-8-57
FUDS	U. S. NAVAL RESERVATION PORT ISABEL	TX69799F781400	C-8-57
FUDS	LAGUNA MADRE GUNNERY RANGE (PADRE ISLAND)	TX69799F802600	C-7-53
FUDS	JEFFERSON COUNTY AIRFIELD	TX69799F804200	C-7-53
FUDS	RODD FIELD	TX69799F804300	C-7-54
FUDS	CUDDIHY FIELD	TX69799F804400	C-7-52
FUDS	NAVY AUXILIARY FIELD(INS)	TX69799F804500	C-6-165
FUDS	MOORE AIRFORCE BASE (USDA SITE)	TX69799F804800	C-8-57
FUDS	FORT CROCKETT PRIVATE OWNERSHIPS	TX69799F807600	C-8-57
FUDS	GALVESTON COUNTY(CROCKETT)	TX69799F807700	C-7-53
FUDS	CITY OF GALVESTON (CROCKETT)	TX69799F807800	C-7-52
FUDS	TEXAS A & M UNIVERSITY (CROCKETT)	TX69799F807900	C-8-57
FUDS	GALVESTON INDEPEN SCHOOL DISTRICT (CROCKETT)	TX69799F808100	C-7-53
FUDS	NATIONAL OCEANIC ATMOSPHERIC AGENCY (FT. CROC)	TX69799F808300	C-8-57
FUDS	NAVY AIR AUXILLIARY LANDING FIELD(PRIVATE)	TX69799F825700	C-8-57
FUDS	MATAGORDA PENINSULA BOMBING RANGE	TX69799F825800	C-6-165
FUDS	ELLINGTON FIELD GUNNERY RANGE	TX69799F828200	C-7-52
FUDS	GALVESTON ARMY AIRFIELD BOMBING RANGE	TX69799F828300	C-7-53
FUDS	FORT SAN JACINTO	TX69799F838000	C-7-52
FUDS	SABINE PASS HARBOR FORTS	TX69799F915500	C-8-57
FUDS	BROWNSVILLE ARMY AIRFIELD	TX69799F944600	C-7-52
FUDS	FORT RINGOLD	TX69799F945900	C-7-52
FUDS	TACAN SITE	TX69799F946100	C-8-57
FUDS	DRISCOLL FIELD 36	TX69799F949000	C-8-57
FUDS	NAVY AUXILIARY FIELD SITE NO.55	TX69799F970100	C-7-54
FUDS	CITY OF GRAND PRAIRIE PROPERTY	TX69799F988000	C-8-57

DoD Component	Installation Name	FFID	Page
FUDS	CITY OF FORT WORTH, ET AL, PROPERTIES	TX69799FA12900	C-7-52
FUDS	SAN ANGELO AAF PB NO. S-2	TX69799FA21500	C-7-54
FUDS	SAN ANGELO AAF PB NO. S-3	TX69799FA21600	C-7-54
FUDS	SAN ANGELO AAF PB NO. S-5	TX69799FA21800	C-7-54
FUDS	SAN ANGELO AAF PB NO. S-6	TX69799FA21900	C-7-54
FUDS	SAN ANGELO AAF PB NO. S-8	TX69799FA22100	C-7-54
FUDS	SAN ANGELO AAF PB NO. S-9	TX69799FA22200	C-7-54
FUDS	BIG SPRING PBR NO. S-2	TX69799FA24700	C-7-51
FUDS	BIG SPRING PBR NO. S-5	TX69799FA25000	C-7-51
FUDS	BIG SPRING PBR NO. S-11	TX69799FA25500	C-7-51
FUDS	BOMBING TARGET B-1	TX69799FA30500	C-7-51
FUDS	BOMBING TARGET B-2	TX69799FA30600	C-7-51
FUDS	BOMBING TARGET B-3	TX69799FA30700	C-7-51
FUDS	BOMBING TARGET B-4	TX69799FA30900	C-7-52
FUDS	BOMBING TARGET B-5	TX69799FA31000	C-7-52
FUDS	BOMBING TARGET B-6	TX69799FA31100	C-7-52
FUDS	BOMBING TARGET B-7	TX69799FA31200	C-7-52
FUDS	BOMBING TARGET B-8	TX69799FA31300	C-7-52
FUDS	BOMBING TARGET B-9	TX69799FA31400	C-7-52
FUDS	BOMBING TARGET B-10	TX69799FA31500	C-7-51
FUDS	BOMBING TARGET B-11	TX69799FA31600	C-7-51
FUDS	BOMBING TARGET B-13	TX69799FA31800	C-7-51
FUDS	BOMBING TARGET B-14	TX69799FA31900	C-7-51
FUDS	MOVING SHOTGUN RANGE	TX69799FA33400	C-7-54
FUDS	HURRICANE MESA TEST SITE	UT89799F501600	C-6-169
FUDS	BUSHNELL GENERAL HOSPITAL	UT89799F502000	C-7-55
FUDS	ABANDONED GRAVEL PIT	UT89799F502100	C-8-58
FUDS	BUCKHORN WASH UNDERGROUND EXPLOSIVE SITE NO. 8	UT89799F502500	C-7-55
FUDS	SALT LAKE CITY ARMY AIR BASE GUNNERY RANGE	UT89799F503700	C-8-58
FUDS	UTAH ORDNANCE PLANT	UT89799F503800	C-7-55
FUDS	WENDOVER AIR FORCE AUXILIARY FIELD	UT89799F503900	C-7-55
FUDS	CLEARFIELD NAVAL SUPPLY DEPOT	UT89799F504000	C-7-55

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FUDS	CARRINGTON ISLAND PRECISION BOMBING RANGE	UT89799F685700	C-8-58
FUDS	WENDOVER BOMBING RANGE	UT89799F805200	C-7-55
FUDS	SKULL VALLEY SHEEP BURIAL SITE	UT89799F805300	C-8-58
FUDS	DUGWAY PROVING GROUND SOUTH TRIANGLE	UT89799F806800	C-8-58
FUDS	SHEEP BURIAL SITE (WHITE ROCK RANCH)	UT89799F809300	C-8-58
FUDS	YELLOW JACKET TARGET AREA	UT89799F825000	C-7-55
FUDS	WENDOVER SPECIAL WEAPONS BOMBING RANGE	UT89799F861000	C-7-55
FUDS	OGDEN NATURE CENTER	UT89799FA20300	C-8-58
FUDS	FORT DOUGLAS	UT89799FA29100	C-6-169
FUDS	NIKE N-75 (CARROLLTON PARK)	VA39799F156000	C-8-60
FUDS	CAPE CHARLES AFS	VA39799F156400	C-8-60
FUDS	CAPE CHARLES AFS BUNKER	VA39799F156500	C-8-60
FUDS	NIKE N-63 (SUFFOLK)	VA39799F156600	C-8-60
FUDS	FORMER NANSEMOND ORDNANCE DEPOT	VA39799F156700	C-6-176
FUDS	NANSEMOND ORDNANCE DEPOT ST PL	VA39799F156800	C-8-60
FUDS	NEW RIVER ORDNANCE PLANT	VA39799F156900	C-8-60
FUDS	FISHERMAN ISLAND	VA39799F157300	C-8-60
FUDS	OYSTER POINT STORAGE AREA	VA39799F157800	C-7-56
FUDS	FORT WOOL	VA39799F158300	C-8-60
FUDS	MIDLOTHIAN MICRO ST S	VA39799F159800	C-8-60
FUDS	NIKE N-36 (LYNNHAVEN)	VA39799F160900	C-8-60
FUDS	VIRGINIA MICROWAVE STA	VA39799F162800	C-8-60
FUDS	USA RECRUITING CMD	VA39799F163100	C-8-60
FUDS	VIRGINIA ORDNANCE WORKS	VA39799F163700	C-7-57
FUDS	NIKE W-83 (DRANESVILLE)	VA39799F163800	C-8-60
FUDS	AAA, HUNTLEY MEADOWS	VA39799F164500	C-8-60
FUDS	ALESHIRE QUARTERMASTER DEPOT	VA39799F164800	C-8-60
FUDS	Q M MARKET CNTR	VA39799F164900	C-8-60
FUDS	BYRD FIELD	VA39799F165300	C-8-60
FUDS	MICROWAVE STA , VA	VA39799F165800	C-8-60
FUDS	CHOPAWAMSIK TROOP TRAINING SITE	VA39799F166700	C-6-176
FUDS	PLUM TREE ISLAND RANGE	VA39799F167300	C-6-177

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FUDS	FORT PICKETT ARMY AIRFIELD	VA39799F167400	C-8-60
FUDS	NIKE W-74 (FAIRFAX)	VA39799F167500	C-8-60
FUDS	VIRGINIA STATE FUEL FARM	VA39799F168800	C-8-60
FUDS	WALLOPS FLIGHT FACILITY	VA39799F169700	C-7-57
FUDS	MANASSAS AIR FORCE COMM FACILITY	VA39799F171800	C-6-176
FUDS	JAMES RIVER SHIPBUILDING	VA39799F172700	C-8-60
FUDS	NAAS CREEDS	VA39799F775200	C-7-56
FUDS	CAMP WALLACE	VA39799F775800	C-7-56
FUDS	FORT LEE	VA39799F776900	C-7-56
FUDS	BUCKROE BEACH	VA39799F789100	C-7-56
FUDS	PETERSBURG AIRPORT	VA39799F839200	C-8-60
FUDS	NAVAL COMMUNICATIONS FACILITY	VA39799F854400	C-8-60
FUDS	USCG RESERVE TRAINING CENTER	VA39799F854500	C-8-60
FUDS	AVTEX FIBERS	VA39799FA19300	C-8-60
FUDS	BENEDICT FIELD	VI29799F418900	C-7-56
FUDS	MARINE CORPS AIR FAC	VI29799F419200	C-8-59
FUDS	FORMER FORT SEGARRA	VI29799F419300	C-8-59
FUDS	BUCK ISLAND UNDERWATER DEMOLTN TRAIING FAC	VI29799F419500	C-7-56
FUDS	CAMP ACOSTA	VI29799F734100	C-7-56
FUDS	FORT ETHAN ALLEN	VT19799F216000	C-8-58
FUDS	FT. ETHAN ALLEN ARTRNG	VT19799F216500	C-8-58
FUDS	LYNDONVILLE AIR FORCE STA	VT19799F216600	C-7-55
FUDS	ST ALBANS AFS Z-14	VT19799F216900	C-7-55
FUDS	BURLINGTON INT-L ARPT	VT19799F217100	C-7-55
FUDS	FORT WARD-BAINBRIDGE ISLAND AAA BATTERY 7	WA09799F144600	C-8-62
FUDS	FORT CANBY	WA09799F151600	C-8-61
FUDS	ARLINGTON AIRPORT	WA09799F155800	C-8-61
FUDS	COUGAR MT. NIKE 20	WA09799F317800	C-8-61
FUDS	PORT ANGELES COMBAT RANGE	WA09799F318400	C-7-58
FUDS	BLAINE AFS	WA09799F318600	C-8-61
FUDS	POULSBO NIKE 81	WA09799F318700	C-8-62
FUDS	PAINE FIELD	WA09799F318800	C-8-62

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FUDS	TULALIP MUNITIONS DEPOT	WA09799F318900	C-8-62
FUDS	KINGSTON NIKE 92	WA09799F319100	C-8-62
FUDS	WINSLOW NIKE 82	WA09799F319200	C-8-62
FUDS	OLALLA NIKE 62	WA09799F319300	C-8-62
FUDS	YOUNGS LAKE NIKE 32-33	WA09799F319400	C-8-62
FUDS	REDMOND NIKE 13-14	WA09799F319500	C-8-62
FUDS	VASHON NIKE 61	WA09799F319700	C-8-62
FUDS	IONE GAP FILLER (P-60A)	WA09799F319900	C-8-62
FUDS	RADIO RELAY ANNEX NO. 3	WA09799F320100	C-8-62
FUDS	RADIO RELAY ANNEX NO. 6	WA09799F320200	C-8-62
FUDS	RADIO RELAY ANNEX NO 5	WA09799F320300	C-8-62
FUDS	RADIO RELAY ANNEX NO 4	WA09799F320400	C-8-62
FUDS	RADIO RELAY ANNEX NO.2	WA09799F320600	C-8-62
FUDS	RADIO RELAY ANNEX NO 7	WA09799F320800	C-8-62
FUDS	NASELLE AFS	WA09799F321100	C-8-62
FUDS	AIR FORCE PLANT NO 75	WA09799F321700	C-7-58
FUDS	BELLINGHAM ARMY AIR FIELD	WA09799F322700	C-8-61
FUDS	CAMP HAYDEN	WA09799F323800	C-8-61
FUDS	COLVILLE AIR FORCE STA	WA09799F324600	C-8-61
FUDS	EPHRATA AF BASE	WA09799F325800	C-6-180
FUDS	EPHRATA ARMY NG GD FAC	WA09799F325900	C-8-61
FUDS	EPHRATA BOMBING TARGET	WA09799F326000	C-8-61
FUDS	FAIRCHILD AFB ATLAS E S-3	WA09799F326600	C-8-61
FUDS	FAIRCHILD AFB ATLAS E MISSILE S-4	WA09799F326700	C-8-61
FUDS	FAIRCHILD ATLAS E S-9	WA09799F327200	C-8-61
FUDS	FAIRCHILD DEFENSE AREA NIKE 07	WA09799F327700	C-8-61
FUDS	FAIRCHILD DEFENSE AREA NIKE 45	WA09799F327900	C-8-61
FUDS	FAIRCHILD DEF NIKE 87	WA09799F328000	C-7-58
FUDS	FORT COLUMBIA MIL. RES.	WA09799F328700	C-8-61
FUDS	FORT EBAY MIL RESERVATION	WA09799F328800	C-8-61
FUDS	FORT FLAGLER MIL RES	WA09799F328900	C-6-181
FUDS	FORT TOWNSEND	WA09799F329300	C-6-181

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FUDS	FORT WHITMAN	WA09799F329400	C-8-62
FUDS	FORT WORDEN	WA09799F329500	C-8-62
FUDS	GEO WRIGHT AIR FORCE BASE	WA09799F329800	C-8-62
FUDS	MOSES LAKE WELLFIELD CONTAMINATION SITE FORMERLY LARSON AIR FORCE BASE	WA09799F331700	C-7-58
FUDS	LARSON AFB TITAN I MISSILE FACILITY S-1	WA09799F331800	C-7-58
FUDS	LARSON AFB TITAN I MISSILE FACILITY S-3	WA09799F332000	C-8-62
FUDS	SEATTLE ARMY CHEM PLANT	WA09799F337600	C-8-62
FUDS	MANCHESTER AAA SITE	WA09799F338000	C-8-62
FUDS	COUGAR MTN. AAA SITE	WA09799F338200	C-8-61
FUDS	SILVER LAKE AWS STATION	WA09799F340100	C-8-62
FUDS	GEIGER AIRFIELD	WA09799F340300	C-8-62
FUDS	TACOMA AF POL RET DIT STA	WA09799F340700	C-8-62
FUDS	WALLA WALLA ARMY AIR FLD	WA09799F342300	C-8-62
FUDS	NIKE MIDWAY 43	WA09799F343600	C-8-62
FUDS	PUGET SOUND NAVAL AMMO DEPOT	WA09799F343900	C-8-62
FUDS	NAVAL STATION TODD-TACOMA FORMERLY COMMENCEMENT BAY	WA09799F345500	C-7-58
FUDS	TACOMA STORAGE SITES, USGS	WA09799F789000	C-8-62
FUDS	OLD NAVY DUMP/MANCHESTER ANNEX	WA09799F832600	C-8-62
FUDS	NAVAL RTS - BATTLE POINT	WA09799F832800	C-8-62
FUDS	NAS-QUILLAYUTE	WA09799F836800	C-6-181
FUDS	NORTHWEST CENTER	WA09799F850800	C-8-62
FUDS	EPHRATA PATTERN BOMBING RANGE	WA09799F933000	C-7-58
FUDS	EPHRATA GROUND TO GROUND GUNNERY RANGE	WA09799F933200	C-8-61
FUDS	NAVAL SECURITY GROUP MARIETTA RADIO DIRECTION FF	WA09799FA22600	C-7-58
FUDS	BAXTER OUTLYING FIELD (7)	WA09799FA22900	C-7-58
FUDS	WHEATLAND OUTLYING FIELD (8)	WA09799FA23000	C-7-58
FUDS	HUMORIST OUTLYING FIELD (17)	WA09799FA23700	C-7-58
FUDS	COYOTE OUTLYING FIELD (19)	WA09799FA23900	C-7-58
FUDS	RICHARD BONG AFB	WI59799F243400	C-8-64
FUDS	OSCEOLA AFS	WI59799F243500	C-8-64

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FUDS	TOMAH AAF TECH TNG	WI59799F243600	C-8-64
FUDS	BRANCH US DISPL BARR	WI59799F243700	C-8-64
FUDS	BROOKS GAP FILLER AX	WI59799F243900	C-8-64
FUDS	TWO CREEKS	WI59799F244200	C-8-64
FUDS	WILLIAMS BAY AFS	WI59799F244300	C-8-64
FUDS	NIKE SITE MSP-20	WI59799F244400	C-6-183
FUDS	NIKE M-20/LAKE PARK GROUNDS	WI59799F244500	C-8-64
FUDS	EAU CLAIRE OP #1	WI59799F244900	C-8-64
FUDS	MILWAUKEE OP	WI59799F245100	C-8-64
FUDS	AIR FORCE PLANT #58	WI59799F245400	C-8-64
FUDS	ANTIGO AIR FORCE STATION	WI59799F245900	C-7-59
FUDS	BADGER ARMY AMM PLANT	WI59799F246600	C-8-64
FUDS	EDIT BEA AA TRG CEN	WI59799F247000	C-7-59
FUDS	RACINE ORD. VEHICLE TEST TRACK	WI59799F247400	C-8-64
FUDS	NIKE M-96/HAVENWOODS NATURE PRESERVE	WI59799F685000	C-7-59
FUDS	NIKE SITE M-42	WI59799F685100	C-7-59
FUDS	NIKE SITE M-54	WI59799F685300	C-8-64
FUDS	NIKE SITE M-64	WI59799F685400	C-7-59
FUDS	NIKE SITE M-74	WI59799F685500	C-8-64
FUDS	NIKE SITE M-86	WI59799F685600	C-7-59
FUDS	CAMP HAVENS AAA FIRING RANGE	WI59799F812900	C-7-59
FUDS	TRUAX AAF	WI59799FA21000	C-8-64
FUDS	WV MANEUVER AREA/DOLLY SODS	WV39799F346000	C-8-63
FUDS	WEST VIRGINIA ORDNANCE WORKS	WV39799F346100	C-6-182
FUDS	MORGANTOWN OW	WV39799F346200	C-8-63
FUDS	WV MANEUVER AREA	WV39799F346500	C-8-63
FUDS	JEFFERSON COUNTY RECEIVER	WV39799F346700	C-8-63
FUDS	GUTHRIE AFS	WV39799F346900	C-8-63
FUDS	JEFFERSON CO TRANSMITTER	WV39799F347000	C-8-63
FUDS	MARSHALL ARMY CHEMICAL PLANT	WV39799F348000	C-7-58
FUDS	YEAGER AIR NATIONAL GUARD	WV39799F711600	C-8-63
FUDS	FIKE-ARTEL CHEMICAL	WV39799F789200	C-7-58

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FUDS	FE WARREN AFB FAC SITE 7	WY89799F086300	C-7-59
FUDS	POLE MOUNTAIN	WY89799F086400	C-6-186
FUDS	FE WARREN AFB FAC SITE 1	WY89799F086500	C-6-185
FUDS	FE WARREN AFB FAC SITE 2	WY89799F086600	C-6-185
FUDS	FE WARREN AFB FAC SITE 3	WY89799F086700	C-6-185
FUDS	CASPER AFB	WY89799F087000	C-6-184
FUDS	CASPER AIR TO GROUND GUN RGE	WY89799F087100	C-7-59
FUDS	CASPER GRO GUN RGE	WY89799F087200	C-7-59
FUDS	CASPER PRE BOMB RGE NO 1	WY89799F087300	C-7-59
FUDS	CASPER PRE BOMB RGE NO 2	WY89799F087400	C-8-65
FUDS	CASPER PRE BOMB RGE NO 3	WY89799F087500	C-7-59
FUDS	CASPER PRE BOMB RGE NO 4	WY89799F087600	C-8-65
FUDS	GUERNSEY CAMP SITE & MAN AREA	WY89799F087900	C-6-186
FUDS	SPLIT ROCK AIR TO AIR GUNNERY RANGE	WY89799F088200	C-8-65
FUDS	FE WARREN AFB FAC SITE 4	WY89799F090800	C-6-186
FUDS	FE WAR AFB AF FAC SITE 5	WY89799F090900	C-7-59
FUDS	FORT FRANCIS E. WARREN TAR & MANEUVER RGE	WY89799F091000	C-7-59
FUDS	FE WAR AFB AF FAC S-6	WY89799F091200	C-7-59
FUDS	SUNDANCE AF STA Z-201	WY89799F091500	C-8-65
FUDS	SUNDANCE WASTE ANNEX	WY89799F091600	C-8-65
FUDS	SUNDANCE FAM HOU AX	WY89799F091800	C-8-65
FUDS	TORRINGTON NG TARGET RGE	WY89799F092100	C-8-65