

Defense Environmental Programs

Annual Report to Congress

for FY 2014



September 2015

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

The estimated cost of this report or study for the Department of Defense is approximately \$53,000 in Fiscal Years 2014 - 2015. This includes \$41,000 in expenses and \$12,000 in DoD labor.

Cost estimate generated on April 30, 2015 RefID: 9-123B4F5

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I. INTRODUCTION

This Fiscal Year 2014 Defense Environmental Programs Annual Report to Congress contains the following information and satisfies the following requirements:

- The funding invested in and progress of the Department of Defense's (DoD) environmental programs – Environmental Restoration, Environmental Quality (EQ), and Environmental Technology – in accordance with title 10, U.S.C., section 2711 (Sections II-IV);
- The Department's ongoing decontamination activities on withdrawn or reserved lands in accordance with section 2916(b) of the National Defense Authorization Act (NDAA) for Fiscal Year 2014 (Section V);
- A list of DoD installations and Formerly Used Defense Sites (FUDS) properties where DoD obligated funding in FY 2014, as well as reasons for increases in cleanup cost estimates since FY 2013, in accordance with the House Appropriations Committee Report 113-113 (Section VI, Appendix A, Appendix B); and
- The Department's plans for cleanup activities at legacy Base Realignment and Closure (BRAC)¹ locations and how it will use unobligated balances remaining from funds appropriated, in accordance with the House Appropriations Committee Report 113-416 (Section VII).

One of the Department's main priorities is to ensure its military forces have the assets and services necessary to support the DoD mission in a cost-effective, safe, sustainable, and environmentally sound manner. To achieve this objective, DoD is committed to continuous improvement, greater efficiency, and the use of new technology where feasible. In FY 2014, DoD obligated approximately \$4.1 billion for its environmental programs: \$2.0 billion for Environmental Restoration activities, \$1.9 billion for EQ activities, and \$203 million for Environmental Technology activities. Also in FY 2014, the Department spent \$3.3 million for ongoing decontamination activities (e.g., range clearance and other range maintenance activities) at specific installations; these activities are discussed in section V of this report.² In the President's FY 2016 budget, DoD requested \$3.4 billion to continue ensuring the protection of human health and the environment and to indefinitely sustain the resources required to support the readiness of our Nation's Armed Forces.

¹ Installations closed or realigned under the first four rounds of base closures in 1988, 1991, 1993, and 1995 are referred to as "legacy BRAC."

² Funding for ongoing decontamination activities is separate from funding for environmental restoration, EQ, and environmental technology activities.

Table 1 summarizes the overall DoD environmental program funding from FY 2010 through FY 2016.

Table 1: Overall DoD Environmental Program Funding (millions of dollars)*

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Environmental Restoration							
Active Installations and FUDS	\$1,564.9	\$1,592.0	\$1,521.2	\$1,352.6	\$1,286.5	\$1,238.9	\$1,107.4
BRAC Locations	\$662.6	\$467.5	\$545.0	\$472.9	\$697.5	\$280.8 ⁺	\$217.0 ⁺
Restoration Total	\$2,227.5	\$2,059.5	\$2,066.2	\$1,825.5	\$1,984.0	\$1,519.7	\$1,324.3
EQ							
Compliance	\$1,492.1	\$1,423.0	\$1,388.4	\$1,347.3	\$1,379.5	\$1,313.4	\$1,388.6
Natural and Cultural Resources	\$437.4	\$394.7	\$387.7	\$384.3	\$444.6	\$394.5	\$389.4
Pollution Prevention	\$90.9	\$85.6	\$97.9	\$65.5	\$97.2	\$122.8	\$102.3
EQ Total	\$2,020.4	\$1,903.3	\$1,874.0	\$1,797.1	\$1,921.3	\$1,830.7	\$1,880.3
Environmental Technology							
Technology Total	\$255.8	\$217.9	\$213.6	\$195.1	\$203.1	\$185.3	\$199.9
DoD Total**	\$4,503.7	\$4,180.7	\$4,153.8	\$3,817.7	\$4,108.5	\$3,535.7	\$3,404.6

* Includes all applicable congressional funding additions for FY 2010 – FY 2015.

⁺ Represents enacted/requested funding only. Does not include \$290.9 million for FY 2015 and \$135.1 million for FY 2016 in planned obligations from prior year funds and land sale revenue.

** Due to rounding, subtotals may not equal FY totals.

For more information on DoD's environmental programs, please visit:

<http://www.denix.osd.mil>.

II. ENVIRONMENTAL RESTORATION PROGRAM

The Department began environmental restoration in 1975 under its Installation Restoration Program (IRP). The IRP addresses contamination from hazardous substances, pollutants, or contaminants at active installations, FUDS, and BRAC locations in the United States. In 2001, DoD established its Military Munitions Response Program (MMRP) to address sites (referred to as munitions response sites (MRSs)) known or suspected to contain unexploded ordnance (UXO), discarded military munitions, or munitions constituents. Through these programs, DoD complies with applicable environmental laws, such as the Comprehensive Environmental Response, Compensation, and Liability Act, also known as Superfund.

The Department measures cleanup progress against two milestones:

- Remedy In Place (RIP), which occurs when cleanup systems are constructed and operational; and
- Response Complete (RC), which occurs when the cleanup activities are complete (although DoD or a subsequent owner may continue to monitor the site).

The Department remains focused on continuously improving its restoration program by updating relevant policies, working with stakeholders, and developing and implementing new advanced technologies to reduce costs and accelerate cleanup. These initiatives help ensure that DoD makes the best use of available resources to complete cleanup. The Department is making steady progress, moving sites through the cleanup process and achieving program goals while protecting human health, safety, and the environment. Of the almost 39,500 IRP sites and MRSs in the inventory, DoD has achieved the RC milestone at nearly 31,500 (80 percent).

Environmental Restoration Goals

The Department relies on environmental restoration goals to drive cleanup progress toward achieving the RIP and RC milestones. The goals assist DoD Components in prioritizing resources cost-effectively and demonstrating progress in a streamlined and transparent fashion. The Department's environmental restoration goals are listed in Table 2.

In FY 2014, DoD established a new goal that focuses on reducing the risk to human health and the environment potentially posed by FUDS MRSs. The goal is to implement interim risk management or start a munitions response action at 90 percent of FUDS MRSs that have not achieved RC by the end of FY 2018. The Department will begin interim risk management activities in FY 2015.

Table 2 lists the environmental restoration goals and summarizes the Department’s progress toward achieving them. The table presents the number of sites subject to these goals; the total number and percentage of sites that have achieved the goals from the beginning of the program through FY 2014; the number and percentage of sites projected to achieve the goals in FY 2015 and FY 2016; and the total number and percentage of sites projected to achieve the goals from the beginning of the program through FY 2016.

Table 2: Environmental Restoration Goals and Progress*

Goal	Number of Sites Subject to the Goal	Total Number (and Percentage) of Sites that Achieved the Goal through FY 2014	Number (and Percentage) of Sites Projected to Achieve the Goal in FY 2015	Number (and Percentage) of Sites Projected to Achieve the Goal in FY 2016	Total Number (and Percentage) of Sites Projected to Achieve the Goal through FY 2016
Achieve RIP at 95% of IRP sites at active installations and BRAC locations by the end of FY 2014	31,047	27,824 (90%)	615 (2%)	915 (3%)	29,369 (95%)
Achieve RC at 90% and 95% of IRP sites and MRSS at active installations and BRAC locations, and IRP sites at FUDS properties by the end of FY 2018 and FY 2021, respectively	37,001	30,339 (82%)	923 (2%)	1,382 (4%)	32,651 (88%)

* Excludes potentially responsible party sites, which are sites where DoD has identified that an individual or company is potentially responsible for contributing to the contamination. Also excludes sites where a DoD Component cannot obtain rights of entry to complete investigations. Site counts and percentages may not add due to reopening a small number of sites based on regulator requests and for administrative actions.

Through FY 2014, DoD achieved RIP at 90 percent of IRP sites at active installations and BRAC locations. The Department also achieved RC at 82 percent of IRP sites and MRSSs at both active installations and BRAC locations, as well as IRP sites at FUDS properties. Although DoD is currently on track to meet its RC goals, it did not achieve its RIP goal by the end of FY 2014. The Department did not meet this goal due to the complex nature of the remaining IRP sites, limitations of available technology to address challenging groundwater sites, delays in cleanup progress (e.g., delays due to the discovery of emerging contaminants), and funding constraints due to the Budget Control Act. However, DoD projects achieving RIP at 95 percent of IRP sites at active installations and BRAC locations by FY 2016.

Additional information about the status of DoD’s cleanup efforts and funding can be found on the DoD Cleanup Data Visualization website at <http://www.denix.osd.mil/cleanup/>. The Department established this website in FY 2014 to communicate cleanup progress to stakeholders, including the public. The website increases transparency by making information about DoD’s cleanup efforts more accessible and readily searchable.

IRP Site Status and Funding

Table 3 summarizes the cleanup status of IRP sites at active installations, FUDS properties, and BRAC locations. The table presents the number of sites in the inventory; the number of sites at RIP and RC through FY 2013 and FY 2014; and the changes in RIP and RC status from FY 2013 to FY 2014.

Table 3: IRP Site Status

	Total IRP Inventory (FY 2014)	RIP			RC		
		Number of IRP Sites at RIP through FY 2013	Number of IRP Sites at RIP through FY 2014	Change in RIP Status from FY 2013 to FY 2014	Number of IRP Sites at RC through FY 2013	Number of IRP Sites at RC through FY 2014	Change in RC Status from FY 2013 to FY 2014
Active Installations							
Army	11,050	10,188	10,278	90	9,954	10,026	72
Department of Navy (DON)*	4,006	3,617	3,736	119	3,108	3,287	179
Air Force	7,185	5,148	5,528	380	4,487	4,841	354
Defense Logistics Agency (DLA)	369	344	345	1	326	326	0
Active Total	22,610	19,297	19,887	590	17,875	18,480	605
FUDS Properties							
FUDS Total	3,051	2,336	2,403	67	2,315	2,373	58
BRAC Locations							
Army	2,114	1,967	1,989	22	1,913	1,942	29
DON*	1,131	1,061	1,064	3	877	877	0
Air Force	5,144	4,317	4,836	519	4,140	4,654	514
DLA	48	48	48	0	47	47	0
BRAC Total	8,437	7,393	7,937	544	6,977	7,520	543
DoD Total	34,098	29,026	30,227	1,201	27,167	28,373	1,206

* DON includes Navy and Marine Corps; DON manages Navy and Marine Corps environmental restoration activities as a combined program.

Table 4 summarizes IRP funding from FY 2010 through FY 2016 at active installations, FUDS properties, and BRAC locations.

Table 4: IRP Funding* (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Active Installations							
Army	\$337.7	\$266.8	\$274.8	\$212.8	\$201.9 ⁺	\$183.4 ⁺	\$193.0
DON ^{**}	\$254.2	\$256.6	\$259.3	\$239.0	\$262.1	\$232.1	\$237.5
Air Force	\$396.3	\$448.8	\$481.2	\$431.2	\$403.4	\$407.9 ⁺	\$338.9
Defense-wide ⁺⁺	\$15.2	\$10.1	\$11.6	\$10.7	\$11.0	\$8.5	\$8.2
Active Total	\$1,003.4	\$982.3	\$1,026.9	\$893.7	\$878.4	\$832.0	\$777.6
FUDS Properties							
FUDS Total	\$182.2	\$256.3	\$226.5	\$195.2	\$172.3	\$198.3⁺	\$174.5
BRAC Locations^{***}							
Army	\$89.7	\$61.6	\$90.2	\$86.5	\$207.2	\$58.2	\$83.4
DON ^{**}	\$211.7	\$143.2	\$213.4	\$164.9	\$119.2	\$158.5	\$137.2
Air Force	\$123.1	\$123.0	\$92.3	\$118.9	\$154.3	\$92.2	\$67.0
Defense-wide ⁺⁺	\$3.4	\$2.0	\$0.0	\$3.7	\$3.2	\$3.3	\$1.3
BRAC Total	\$427.9	\$329.8	\$395.9	\$374.0	\$483.8	\$312.2	\$288.9
DoD Total⁺⁺⁺	\$1,613.5	\$1,568.4	\$1,649.3	\$1,462.9	\$1,534.4	\$1,342.4	\$1,241.0

* This table includes funding for all program management requirements at active installations, FUDS properties, and BRAC locations.

⁺ Includes funds reprogrammed from the previous FY.

^{**} DON includes Navy and Marine Corps; DON manages Navy and Marine Corps environmental restoration activities as a combined program.

⁺⁺ Defense-wide accounts include other defense agencies and DLA.

^{***} FY 2010 through FY 2013 actuals exclude prior year funding and land sale revenue.

⁺⁺⁺ Due to rounding, subtotals may not equal FY totals.

MRS Status and Funding

Table 5 summarizes the cleanup status of MRSs at active installations, FUDS properties, and BRAC locations. The table presents the number of MRSs in the inventory; the number of MRSs at RIP and RC through FY 2013 and FY 2014; and the changes in RIP and RC status from FY 2013 to FY 2014.

Table 5: MRS Status

	Total MRS Inventory (FY 2014)	RIP			RC		
		Number of MRSs at RIP through FY 2013	Number of MRSs at RIP through FY 2014	Change in RIP Status from FY 2013 to FY 2014	Number of MRSs at RC through FY 2013	Number of MRSs at RC through FY 2014	Change in RC Status from FY 2013 to FY 2014
Active Installations							
Army	1,403	1,064	1,074	10	1,064	1,074	10
DON*	382	149	160	11	142	159	17
Air Force	1,008	506	640	134	505	621	116
DLA ⁺	7	0	0	0	0	0	0
Active Total	2,800	1,719	1,874	155	1,711	1,854	143
FUDS Properties							
FUDS Total	2,065	817	855	38	817	855	38
BRAC Locations							
Army	180	106	107	1	106	107	1
DON*	41	17	19	2	16	18	2
Air Force	137	124	127	3	122	124	2
DLA ⁺	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BRAC Total	358	247	253	6	244	249	5
DoD Total	5,223	2,783	2,982	199	2,772	2,958	186

* DON includes Navy and Marine Corps; DON manages Navy and Marine Corps environmental restoration activities as a combined program.

⁺ DLA does not have MRSs at BRAC locations.

Table 6 summarizes MMRP funding from FY 2010 through FY 2016 at active installations, FUDS properties, and BRAC locations.

Table 6: MMRP Funding (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Active Installations							
Army	\$98.5	\$55.3	\$71.3	\$76.7	\$67.5*	\$72.8*	\$41.8
DON ⁺	\$31.5	\$45.7	\$48.6	\$48.2	\$53.9	\$45.2	\$55.0
Air Force	\$98.1	\$52.2	\$44.5	\$56.2	\$16.1	\$21.1*	\$29.2
Defense-wide**	\$0.0	\$0.0	\$1.6	\$0.4	\$0.2	\$0.0	\$0.0
Active Total	\$228.1	\$153.2	\$166.0	\$181.5	\$137.6	\$139.1	\$126.1
FUDS Properties							
FUDS Total	\$151.1	\$200.2	\$101.8	\$82.0	\$98.2	\$69.6*	\$29.2
BRAC Locations⁺⁺							
Army	\$29.2	\$30.4	\$46.6	\$38.6	\$129.9	\$158.1	\$17.4
DON ⁺	\$9.5	\$8.5	\$33.5	\$38.1	\$14.4	\$10.0	\$7.4
Air Force	\$2.5	\$45.3	\$4.1	\$0.3	\$5.0	\$0.2	\$0.0
Defense-wide**	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BRAC Total	\$41.2	\$84.2	\$84.2	\$77.1	\$149.3	\$168.3	\$24.8
DoD Total^{***}	\$420.4	\$437.7	\$351.9	\$340.6	\$385.2	\$377.0	\$180.1

* Includes funds reprogrammed from the previous year.

⁺ DON includes Navy and Marine Corps; DON manages Navy and Marine Corps environmental restoration activities as a combined program.

** Defense-wide accounts include other defense agencies and DLA, which began reporting MRSs at active installations in FY 2011. DLA does not have MRSs at BRAC locations.

⁺⁺ FY 2010 through FY 2013 actuals exclude prior year funding and land sale revenue.

^{***} Due to rounding, subtotals may not equal FY totals.

BRAC Planning and Compliance Funding

Table 7 summarizes funding for planning and compliance projects, such as facility assessments and surveys, at BRAC locations from FY 2010 through FY 2016. BRAC cleanup funding is described in Section VII of this report.

Table 7: BRAC Planning and Compliance Funding* (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual**	FY 2015 Enacted	FY 2016 Requested
BRAC Locations							
Army	\$165.7	\$49.1	\$41.6	\$21.1	\$46.9	\$89.5	\$37.9
DON ⁺	\$12.2	\$1.8	\$3.6	\$0.2	\$0.7	\$1.7	\$0.4
Air Force	\$15.5	\$2.7	\$19.8	\$0.6	\$16.7	\$0.0	\$0.0
Defense-wide**	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
DoD Total⁺⁺	\$193.4	\$53.6	\$65.0	\$21.9	\$64.3	\$91.2	\$38.3

* BRAC total includes prior year funding and land sale revenue.

⁺ DON includes Navy and Marine Corps; DON manages Navy and Marine Corps environmental restoration activities as a combined program.

** Defense-wide accounts include other defense agencies and DLA.

⁺⁺ Due to rounding, subtotals may not equal FY totals.

III. EQ PROGRAMS

The Department's EQ Programs address compliance with environmental laws and regulations, protection of natural and cultural resources on DoD lands, and pollution prevention. In FY 2014, DoD updated its budget reporting format for these programs to increase consistency and provide additional detail and insight on funding allocations. As a result of the change in format and definitions, DoD Components have shifted funding between programs and recategorized some of the funding. Therefore, it is not possible to compare obligations in FY 2014 to prior year actual funding below the program level (i.e., compliance, conservation, and pollution prevention).

Compliance

The DoD Compliance Program provides resources to comply with applicable requirements, such as Federal, State, and local environmental laws and regulations, for installations located in the United States, as well as applicable environmental compliance, remediation, and planning requirements for installations located outside of the United States (i.e., overseas installations). Under this program, DoD activities include sampling and analyzing pollutant discharges to air and water, maintaining environmental permits for regulated activities, providing safe drinking water, and disposing of regulated waste. The Compliance Program also includes projects to upgrade wastewater treatment facilities and install air pollution controls to meet new regulatory standards. In FY 2014, the Department maintained its Clean Water Act permit compliance rate at 94 percent, had a drinking water compliance rate of 92 percent (consistent with the national average of 92.5 percent), increased the solid waste diversion rate by 11 percent to 75 percent³, and reduced reported criteria air pollutant emissions by almost 1,200 tons.

Table 8 summarizes Compliance Program funding from FY 2010 through FY 2016 for the Army, Navy, Air Force, Marine Corps, and Defense-wide accounts.

Table 8: Compliance Program Funding (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Army	\$401.1	\$393.4	\$341.6	\$389.6	\$380.2	\$300.1	\$377.2
Navy	\$337.0	\$369.0	\$403.0	\$358.1	\$374.3	\$355.0	\$380.7
Air Force	\$354.9	\$338.9	\$295.9	\$298.5	\$293.9	\$323.9	\$351.7
Marine Corps	\$125.0	\$126.0	\$131.1	\$113.2	\$115.6	\$148.6	\$103.9
Defense-wide*	\$274.1	\$195.7	\$216.8	\$187.7	\$215.5	\$185.8	\$175.1
DoD Total⁺	\$1,492.1	\$1,423.0	\$1,388.4	\$1,347.1	\$1,379.5	\$1,313.4	\$1,388.6

* Defense-wide accounts include DLA and other defense agencies.

⁺ Due to rounding, subtotals may not equal FY totals.

³ The solid waste diversion rate includes construction and demolition debris diversion.

Overall Trend Analysis

Overall Compliance Program funding decreased from FY 2010 to FY 2012 due to reduced personnel costs, the migration of funds out of the Compliance Program into other non-environmental programs, and decreases in one-time projects. Beginning in FY 2013, the Budget Control Act led to further reductions that the Department anticipates will continue through FY 2015. For FY 2016, DoD anticipates that total funding will approach FY 2014 levels due to increased requests across most of its Components.

Explanation of Significant Changes in Funding Amounts

- From FY 2013 to FY 2014, the 14.8 percent increase in Defense-wide account funding was due to three military construction projects required to meet environmental standards.
- From FY 2014 to FY 2015, DoD anticipates a decrease in Army funding (-21.2 percent) to meet Budget Control Act restrictions. The Department anticipates a continued increase in Air Force funding (+10.2 percent) due to the impacts of reduced funding in both FY 2012 and FY 2013. The Department anticipates a 28.5 percent increase in Marine Corps funding for a one-time military construction project to meet drinking water standards at Marine Corps Air Station Cherry Point, North Carolina. The decrease in Defense-wide account funding (-13.8 percent) is due to DLA's completion of military construction and compliance-related cleanup.
- From FY 2015 to FY 2016, requested funding for the Army will increase by 25.7 percent to address the impacts of the prior year Budget Control Act reductions and restore funding levels. Requested funding for the Marine Corps will decrease (-30.1 percent) due to the completion of the military construction project to meet drinking water standards at Marine Corps Air Station Cherry Point, North Carolina.

Natural and Cultural Resources

The Department supports mission readiness and training flexibility by managing its natural and cultural resources to enable continued access to testing and training lands while complying with existing laws (e.g., Endangered Species Act, Sikes Act, National Historic Preservation Act) and by ensuring the long-term sustainability of our Nation's natural and cultural heritage. The Department manages approximately 25 million acres containing many high-quality and unique habitats that provide food and shelter for over 520 species-at-risk and over 400 species that are federally listed as threatened or endangered. Over 85 of these species are found only on DoD lands. The Department also manages and maintains cultural resources at 320 DoD installations that contain more than 125,000 archaeological sites and about 20,000 historic buildings.

Table 9 summarizes natural and cultural resources funding from FY 2010 through FY 2016 for the Army, Navy, Air Force, Marine Corps, and Defense-wide accounts.

Table 9: Natural and Cultural Resources Funding (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Army	\$267.1	\$177.1	\$156.7	\$182.0	\$174.6	\$186.0	\$182.9
Navy	\$34.3	\$41.4	\$75.3	\$59.3	\$75.0	\$56.4	\$59.0
Air Force	\$57.2	\$66.3	\$68.1	\$58.7	\$80.0	\$55.8	\$53.9
Marine Corps	\$20.5	\$20.2	\$35.7	\$34.8	\$46.1	\$33.1	\$26.8
Defense-wide*	\$58.3	\$89.7	\$51.9	\$49.5	\$68.9	\$63.2	\$66.8
DoD Total⁺	\$437.4	\$394.7	\$387.7	\$384.3	\$444.6	\$394.4	\$389.3

* Defense-wide accounts include DLA and other defense agencies.

⁺ Due to rounding, subtotals may not equal FY totals.

Overall Trend Analysis

Funding for natural and cultural resources activities increased overall between FY 2010 and FY 2014, primarily due to a significant increase in FY 2014 funding to address threatened and endangered species requirements and congressional funding additions in FY 2012 through FY 2014 related to conservation in support of ranges. The Department anticipates that overall funding levels will decrease through FY 2016 due to the Budget Control Act and the need to address increasing requirements in other programs. The Department will continue to meet legal requirements and fund those items that have FY 2016 deadlines and are needed to maintain military readiness in the year of execution. Decreases in overall funding will result in a decreased capability to address emerging requirements.

Explanation of Significant Changes in Funding Amounts

- From FY 2013 to FY 2014, all Military Services received congressional funding additions for conservation projects in support of training ranges. The 26.4 percent increase in Navy funding, 32.5 percent increase in Marine Corps funding, and 36.2 percent increase in Air Force funding was also due to activities to address threatened and endangered species requirements. Defense-wide account funding increased by 39.2 percent, primarily due to a congressional funding addition for the Readiness and Environmental Protection Integration Program.
- From FY 2014 to FY 2015, the decrease in Navy funding (-24.8 percent) and Marine Corps funding (-28.2 percent) was due to a return to normal funding levels after the prior year's increase. The Department anticipates a decrease in Air Force funding (-30.3 percent) to FY 2013 levels after addressing candidate and endangered species in FY 2014.
- From FY 2015 to FY 2016, DoD anticipates that Marine Corps funding will decrease (-19.0 percent) due to reprioritization of funding requirements to comply with the Budget Control Act.

Pollution Prevention

The Department created the Pollution Prevention Program to reduce or eliminate the use of hazardous materials, waste generation, natural resources losses, air emissions from industrial processes, and pollutant discharges to wastewater treatment systems. Although these initiatives are not funded with environmental dollars, DoD also implements energy, water, and fuel efficiency measures that further reduce pollution and better use existing resources. As a result, DoD's pollution prevention investments have the potential to reduce costs Department-wide. The program is built on a flexible framework that helps DoD prioritize cost-effective initiatives while maintaining safe, uninterrupted operations and sustaining military readiness.

Table 10 summarizes Pollution Prevention Program funding from FY 2010 through FY 2016 for the Army, Navy, Air Force, Marine Corps, and Defense-wide accounts.

Table 10: Pollution Prevention Program Funding (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Army	\$18.7	\$18.6	\$37.4	\$23.9	\$31.6	\$45.4	\$36.0
Navy	\$12.8	\$15.8	\$11.7	\$6.6	\$7.4	\$9.7	\$14.7
Air Force	\$36.0	\$33.8	\$22.2	\$15.2	\$30.1	\$40.7	\$31.4
Marine Corps	\$19.9	\$14.3	\$21.4	\$15.8	\$21.2	\$20.6	\$14.0
Defense-wide*	\$3.5	\$3.1	\$5.2	\$4.0	\$6.9	\$6.4	\$6.2
DoD Total⁺	\$90.9	\$85.6	\$97.9	\$65.5	\$97.2	\$122.7	\$102.2

* Defense-wide accounts include DLA and other defense agencies.

⁺ Due to rounding, subtotals may not equal FY totals.

Overall Trend Analysis

Overall funding for the Pollution Prevention Program increased from FY 2010 through FY 2014 despite fluctuations that included a significant decrease in FY 2013 funding driven by reductions in the Budget Control Act. In addition, because Pollution Prevention is not directly linked to legal requirements, DoD Components reduced pollution prevention funding to preserve funding for other programs. The Department estimates a significant increase in FY 2015 funding, primarily due to increases in Army funding for investments in pollution prevention management and initiatives. This is partially offset by a significant decrease in FY 2016 funding because the Department expects to use funds for compliance activities to meet legal requirements after Budget Control Act reductions.

Explanation of Significant Changes in Funding Amounts

- From FY 2013 to FY 2014, Army funding increased by 32.2 percent to invest in pollution prevention management and initiatives delayed in FY 2013 due to Budget Control Act reductions. Marine Corps funding increased by 34.2 percent to implement Hazardous Material Management Systems on its installations. Funding for the Air Force increased by 98 percent to recover from the Budget Control Act cuts. Defense-wide funding increased by 72.5 percent for efforts to more efficiently meet environmental regulations.

- From FY 2014 to FY 2015, the Department estimates that investments in pollution prevention management and initiatives to reduce toxic and hazardous substances in the Army's supply chain will increase Army funding by 43.7 percent. The Department anticipates that funding for the Air Force will increase by 35.2 percent for investments in efforts to reduce significant compliance costs and increase operational efficiency.
- From FY 2015 to FY 2016, DoD anticipates a decrease in Army funding (-20.7 percent) to meet Budget Control Act restrictions. The Department anticipates that Navy funding will increase by 51.5 percent due to a Clean Air Act-related military construction project. The Department anticipates a decrease in Marine Corps funding (-32.0 percent) due to adjusted manpower costs. The Department anticipates that Air Force funding will decrease (-22.8 percent) due to the realignment of funding to meet compliance requirements.

IV. ENVIRONMENTAL TECHNOLOGY PROGRAMS

The Office of the Secretary of Defense (OSD) oversees the Military Departments' and Defense-wide Environmental Technology Programs. OSD directly administers the Strategic Environmental Research and Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP). Environmental Technology is included in this report to satisfy the requirements of title 10, U.S.C., section 2711.

Table 11 summarizes Environmental Technology Program funding from FY 2010 through FY 2016 for the Army, Navy, Air Force, and Defense-wide accounts.

Table 11: Environmental Technology Program Funding (millions of dollars)

	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Enacted	FY 2016 Requested
Army*							
Army Total	\$75.0	\$53.1	\$54.2	\$45.5	\$47.5	\$43.5	\$51.0
DON⁺							
DON Total	\$46.6	\$41.3	\$42.4	\$39.8	\$37.3	\$29.2	\$37.0
Air Force							
Air Force Total	\$26.1	\$25.6	\$15.7	\$9.3	\$10.6	\$9.3	\$8.3
Defense-wide**							
SERDP**	\$62.3	\$64.0	\$64.2	\$58.6	\$62.3	\$57.8	65.8
ESTCP**	\$41.0	\$28.8	\$31.8	\$38.0	\$39.8	\$40.9	\$32.5
Deployed Warfighter Protection Program	\$4.8	\$5.1	\$5.3	\$3.9	\$5.6	\$4.6	\$5.3
Defense-wide Total	\$108.1	\$97.9	\$101.3	\$100.5	\$107.7	\$103.3	\$103.6
DoD Total***	\$255.8	\$217.9	\$213.6	\$195.1	\$203.1	\$185.3	\$199.9

* The National Defense Center for Energy and Environment is included in the Army Program line.

⁺ DON includes Navy and Marine Corps.

** Defense-wide accounts include DLA and other defense agencies.

** SERDP/ESTCP values are for environment only and do not include energy projects.

*** Due to rounding, subtotals may not equal FY totals.

Overall Trend Analysis

The Department's funding for Environmental Technology decreased from FY 2010 to FY 2014 because there are no more congressional earmarks and because of reductions to meet the Budget Control Act. Despite an increase in funding in FY 2014, DoD anticipates a continued decrease in total funding through FY 2016, primarily due to the end of funding for advanced classification demonstrations and to restore funding closer to pre-sequestration levels.

Explanation of Significant Changes in Funding Amounts

- From FY 2013 to FY 2014, Deployed Warfighter Protection Program funding increased by 43.6 percent to restore funding to pre-sequestration levels. The Deployed Warfighter

Protection Program protects United States Military deployed abroad from threats posed by disease-carrying insects.

- From FY 2014 to FY 2015, the Department of the Navy's (DON) projected funding reduction (-21.7 percent) is due to the reprioritization of environmental research and development programs and a decrease in marine mammals research. The Department anticipates that Defense Warfighter Protection funding will decrease (-17.9 percent) due to Budget Control Act restrictions.
- From FY 2015 to FY 2016, DoD anticipates that DON funding will increase by 26.7 percent due to the implementation of improved monitoring technologies and research on shipboard water treatment systems. The Department anticipates that Army funding will increase by 17.2 percent for pollution prevention projects. The Department anticipates a decrease in Air Force funding (-10.8 percent) due to the migration of funds to other non-environmental programs. The Department anticipates that ESTCP funding will decrease (-20.5 percent) due to the Bipartisan Budget Act of 2013 and the end of funding for advanced classification demonstrations as DoD transitions the process to commercial use.

Progress in Achieving Objectives and Goals

The mission of the Environmental Technology Programs is to address high priority, cross-service environmental challenges. DoD Components' environmental technology investments focus on unique Military Service requirements and complement other Defense-wide investments. SERDP, ESTCP, and DoD Components work together to coordinate and leverage these investments.

Advances in environmental technology have allowed the Department to be more cost-efficient when spending resources for environmental cleanup and compliance. For example, DoD is developing technologies to clean up groundwater sites that are used across the Department and throughout the private sector. The Department is currently on track to achieve RC at 95 percent of its environmental restoration sites by FY 2021. However, a majority of the sites that will not reach RC by that date are complex groundwater sites. DoD programs are currently investing in scientific endeavors to improve our fundamental understanding of these sites and developing technologies to manage or remediate them.

The Department is also transitioning technologies to reduce life-cycle costs in the acquisition, operations, and maintenance of multiple weapon systems. This past year, for example, the Air Force deployed a full-scale robotic laser depainting system at Hill Air Force Base (AFB) that is the culmination of a substantial, multi-year investment by SERDP, ESTCP, and the Air Force Research Laboratory. This innovative system offers a more environmentally sustainable method of performing essential maintenance on the F-16 aircraft, and a second system is currently underway for the C-130. This technology will reduce the amount of hazardous waste generated by a single F-16 aircraft from 2,000 pounds per aircraft using current technology to just 20-40 pounds with the new technology. Additionally, the Department will realize approximately 70 percent savings in per unit costs, decrease labor from 400 to 100 hours per aircraft, and decrease processing time from seven days to three, thus significantly increasing

the aircraft's operational availability. This technology benefits both the environment and the military mission.

Looking ahead, the Department's Environmental Technology investments are focused on its evolving needs. ESTCP will complete advanced classification demonstrations in 2015 as DoD begins transitioning the process to commercial use. The Department will continue to invest in current initiatives and focus on future initiatives, including: developing and demonstrating technologies to address munitions in the underwater environment; identifying the science and tools needed to meet DoD's obligations to assess and adapt to climate change; and continuing the critical work of reducing future liability and life-cycle costs by eliminating toxic and hazardous materials from production, operations, and maintenance processes.

V. ONGOING DECONTAMINATION ACTIVITIES

The Department maintains decontamination programs to remove UXO resulting from defense-related activities on withdrawn or reserved lands. Below are descriptions of DoD's ongoing decontamination activities at specific ranges as required by section 2916(b) of the FY 2014 NDAA.

Limestone Hills Training Area, Montana

In FY 2014, the Army conducted range clearance (decontamination) activities on 5,900 acres at the Limestone Hills Training Area. Montana Army National Guard personnel carried out these activities as part of routine range operations (i.e., range maintenance).

White Sands Missile Range, New Mexico

In FY 2014, the Army did not conduct decontamination activities at White Sands Missile Range. The Army will conduct decontamination activities as needed.

Chocolate Mountain Aerial Gunnery Range (CMAGR), California

In FY 2014, the Marine Corps conducted ongoing decontamination activities on 1,389 acres of withdrawn land at CMAGR. Decontamination activities included surface and subsurface clearance operations, filling in bomb craters, soil grading and stabilization, and detecting UXO. The Marine Corps conducted over 500 UXO activities at CMAGR and removed, certified safe, and transported over 275 tons of range-related debris.

Marine Corps Air Ground Combat Center (MCAGCC), Twentynine Palms, California

In FY 2014, the Marine Corps did not conduct any decontamination activities at MCAGCC Twentynine Palms. The Marine Corps acquired the withdrawn land from the Bureau of Land Management in December 2013 for the conduction of live fire and maneuver exercises. Because of the timing of this acquisition, the Marine Corps did not have an opportunity to conduct training activities on the land during FY 2014; therefore, no decontamination activities were required or conducted.

Naval Air Weapons Station (NAWS), China Lake, California

In FY 2014, the Navy conducted ongoing decontamination activities on approximately 5,000 acres of withdrawn land at NAWS China Lake. Decontamination activities included surface and subsurface clearance operations, addressing UXO, and transporting range-related debris.

VI. FY 2014 Environmental Restoration Funding and Reasons for Increases in Cost Estimates Since FY 2013

Introduction

The House Appropriations Committee Report (House Report 113-113) accompanying the House version of the FY 2014 Defense Appropriations Bill (H.R. 2397), which was enacted as the Consolidated Appropriations Law (Public Law 113-76), directs the Secretary of Defense to provide information regarding funds invested in DoD's Environmental Restoration Program and the cost to complete cleanup at environmental restoration sites (hereinafter referred to as the "cost estimate"). Specifically, the report must:

1. Provide the amount of environmental restoration funding obligated at each DoD installation and FUDS property in FY 2014; the change in the cost estimate from FY 2013 to FY 2014; and an explanation if the cost estimate did not decrease by at least the amount obligated in FY 2014 (detailed in Appendix A); and
2. Account for any increase of 10 percent or more in an installation or property's projected cost estimate over the prior year estimate (detailed in Appendix B).

The Department has made tremendous progress in its cleanup efforts. Having identified nearly 39,500 sites for cleanup, DoD completed cleanup of 31,331 by the end of FY 2014. Identified environmental restoration sites include both those containing traditional chemical contaminants (classified under the IRP) and those containing unexploded munitions and their constituents (classified under the MMRP). The only potential remaining costs at environmental restoration sites relate to their long-term management, which is needed for activities such as maintaining land use controls and ensuring that contamination remains below regulatory levels.

Notwithstanding the Department's successful cleanup of 80 percent of its identified sites, the remaining sites scheduled for restoration present significantly more complex challenges; specifically, their cleanup will take longer to complete, will necessitate more regulatory attention, and will require a greater financial investment. Consequently, this complicates the estimation of cleanup costs.

For each identified environmental restoration site, the Department creates a cost estimate based on all pertinent factors known about the site. To further aid in developing accurate cost estimates, DoD uses cost estimating models and engineering estimates.⁴ These estimates are refined annually as our engineers learn more about an individual site or re-evaluate the efficacy of the cleanup technology being used. If DoD discovers new contamination or identifies additional cleanup requirements, cost estimates generally increase. Conversely, if DoD determines that less work is required than initially expected, it revises the cost estimates accordingly in a manner consistent with the reduced requirements.

⁴ An engineering estimate is a detailed cost estimate for a project, computed by estimating the cost of every activity in a work breakdown structure, summing these estimates, and adding appropriate overheads. This is done by the engineer in charge of the site, usually after much is known about the site and the cleanup is ready to begin. The estimate is based on the engineer's personal knowledge of the site and past experiences. It is usually more specific than a modeled estimate, which is based on statistical cost factors about similar sites.

In addition, the cost models used to develop a significant portion of the estimates are updated annually. Changes are made within the models to reflect new technologies, inflation, updated labor rates, and additional factors that influence the cost of a particular cleanup strategy. These changes improve the accuracy of the models.

Such continual refinement in both models and individual estimates creates inherent fluctuations in cost estimation. These fluctuations are detailed in the attached appendices, along with the primary reasons why some cost estimates did not decrease by the amount invested and why some cost estimates increased by 10 percent or more. Some of the main reasons for variances include increases in project scope, changes in cost estimating methods or models, and newly identified sites.

Installations and Properties Where DoD Obligated Funding in FY 2014

Appendix A lists the DoD installations and FUDS properties where DoD obligated funds in FY 2014. It also compares the cost estimates at the end of FY 2013 and FY 2014 to determine how much the Department reduced its liability at each location. We adjusted the FY 2013 cost estimate for inflation and work completed in FY 2014 to compare the estimates more accurately. For each location where the liability was not reduced by the amount of funding invested, DoD provides an explanation.⁵

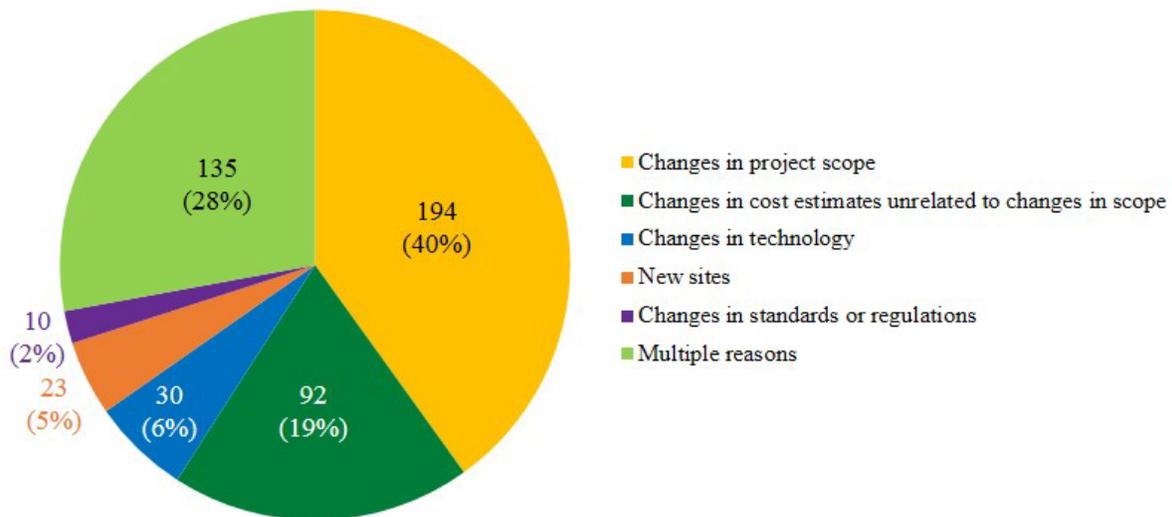
In FY 2014, the Department obligated funding at 520 DoD installations and 485 FUDS properties. At 213 DoD installations and 308 FUDS properties, the cost estimate either decreased by the amount invested or decreased to zero (indicating that no further investment is required and, therefore, no explanation is needed). The Department made significant progress at several installations. Between FY 2013 and FY 2014, DoD reduced the cost estimates by more than \$100 million at the following locations: the United States Air Force Avon Park Range property, Florida (\$109 million); Beale AFB, California (\$109 million); and McConnell AFB, Kansas (\$160 million). Such reductions resulted from FY 2014 investments, decreased cleanup requirements, and cost estimating refinements.

There are 307 DoD installations and 177 FUDS properties where DoD obligated funding in FY 2014 but the cost estimates did not decrease by at least the amount invested (as indicated in Figure 1 below). The two primary reasons for this - changes in project scope and changes in cost estimates unrelated to changes in scope - account for 59 percent of the locations that require an explanation. The remaining reasons are divided between changes in technology, new sites, and changes in standards or regulations. Additionally, there were multiple reasons why the cost estimates did not decrease by at least the amount invested at 28 percent of the locations that require an explanation. For example, at several DoD installations, the cost estimates were impacted by both changes in project scope and changes in cost models. Explanations of these reasons include:

⁵ If a location's liability was not reduced by the amount of funding invested in FY 2014 but the cost estimate change was less than \$25,000, DoD did not provide an explanation because it considers \$25,000 to be within the margin of error for that location.

- Changes in project scope – includes adding cleanup phases as projects progress (e.g., feasibility study, remedial action operation); and adding requirements due to other site-level project changes (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), changes in future property reuse, sites reopened to address additional risk, additional sampling);
- Changes in cost estimates unrelated to changes in scope – includes changes in cost estimating methodologies or models; changes in contracts or contract methods; and situations where actual contract costs for prior or ongoing work are greater than the prior estimate (changes in schedule may also cause this additional cost);
- Changes in technology – includes changes to a different or improved cleanup technology (e.g., monitored natural attenuation did not work, so active remediation is needed, technology was ineffective);
- New sites – includes the increased cleanup costs of new contaminated sites identified at a location; and
- Changes in standards or regulations – includes broad-scale or national changes in regulations that impact multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirements); changes in projects as a result of negotiations with regulators (e.g., a regulator imposes a new requirement that increases project scope, delay in regulatory document review or approval); and changes in DoD policies or directives that redefine the costs included in the estimate.

Figure 1: DoD Installations and FUDS Properties Where the Cost Estimate did not Decrease by the Amount Invested in FY 2014



Changes in project scope affected the cost estimates at 95 DoD installations and 99 FUDS properties (40 percent of the locations requiring an explanation, plus an additional 108 DoD installations and 11 FUDS properties where a change in project scope was one of multiple reasons why the cost estimate did not decrease by at least the amount invested). Examples of changes in project scope include: additional work to characterize sites or ensure

sites remain protective of human health and the environment; the detection of new contamination; and the identification of additional cleanup requirements. For example, at Fort Monmouth, New Jersey, the cost estimate increased by \$40 million (103 percent) because additional cleanup phases are required. At the Atka Air Force Auxiliary Field property, Alaska, the United States Army Corps of Engineers identified additional cleanup requirements, resulting in an increase of \$65 million (708 percent).

Changes in cost estimates unrelated to changes in scope impacted the cost estimates at 77 DoD installations and 15 FUDS properties (19 percent of the locations requiring an explanation, plus an additional 95 DoD installations and 2 FUDS properties where a change in the cost estimate unrelated to a change in scope was one of multiple reasons why the cost estimate did not decrease by at least the amount invested). One example of this type of change is the periodic revision of cost estimating models that DoD Components use to develop their estimates. Each year, the standardized models are updated to ensure the most accurate estimates (e.g., integrating new cleanup technologies, adding modules to address specific cleanup issues, updating labor rates and cost factors). Such updates to the models impact cost estimates, which the Department also updates annually.

Two examples in which changing methodologies or models drove changes in estimates are Dugway Proving Ground, Utah, where the cost estimate increased by \$24 million (41 percent) from FY 2013 to FY 2014 and Dallas Naval Air Station (NAS), Texas, where the cost estimate increased by \$12 million (347 percent).

In some cases, the actual cost for a portion of the work exceeded the estimate, causing an increase in the estimate for future work. Further, DoD has identified new sites, which add to its future liability. While identifying new sites only impacted two DoD installations and 21 FUDS properties (5 percent of the locations requiring an explanation, plus an additional 14 DoD installations and 4 FUDS properties where identifying new sites was one of multiple reasons why the cost estimate did not decrease by at least the amount invested), significant cost increases are attributable to new sites. For example, as DoD discovered and characterized new sites, cost estimates increased by \$120 million (122 percent) at the Blaine Naval Ammunition Depot property, Nebraska; by \$63 million (168 percent) at the Camp Robinson/Camp Pike property, Arkansas; and by \$46 million (252 percent) at the Nansemond Ordnance Depot property, Virginia.

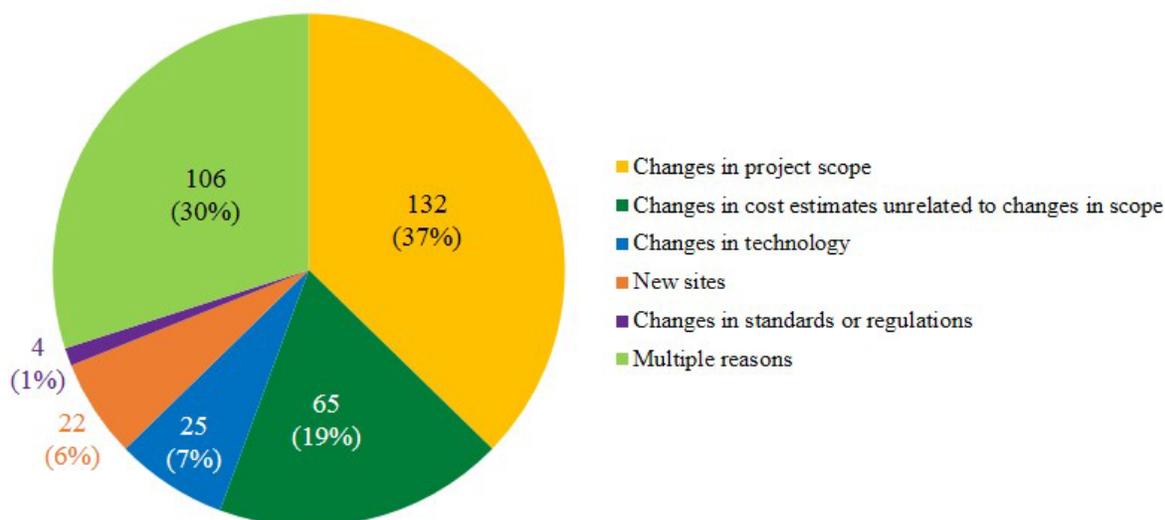
During internal reviews of the cleanup program, OSD identified inconsistencies in the ways in which DoD Components generate their cost estimates. OSD evaluated its policy and processes governing cost estimates and issued updated procedures in July 2014. These procedures are improving the accuracy and consistency of cost estimates by ensuring greater uniformity among all Components.

Causes of Increases in Cleanup Estimates

Appendix B lists the DoD installations and FUDS properties where the FY 2014 cost estimate increased by 10 percent or more over the FY 2013 estimate, and the reason(s) for the increase.⁶ Again, we adjusted the FY 2013 estimates for inflation and work completed in FY 2014 for a more accurate comparison.

As indicated in Figure 2 below, there are 228 DoD installations and 126 FUDS properties where the cost estimate increased by 10 percent or more from FY 2013 to FY 2014. The two primary reasons for this are: (1) changes in project scope; and (2) changes in cost estimates unrelated to changes in scope. These reasons account for 56 percent of the cost estimate increases at the locations listed in Appendix B. The remaining reasons are divided between changes in technology, new sites, and changes in standards or regulations. Additionally, there were multiple reasons why the cost estimates increased by 10 percent or more from FY 2013 to FY 2014 at 30 percent of the locations that require an explanation; for example, the cost estimates increased at some locations because of changes in both project scope and technology.

Figure 2: DoD Installations and FUDS Properties Where the FY 2014 Cost Estimate Increased by 10 Percent or More Since FY 2013



Changes in project scope resulted in cost estimate increases of 10 percent or more at 68 DoD installations and 64 FUDS properties (37 percent of the locations requiring an explanation, plus an additional 85 DoD installations and 7 FUDS properties where a change in project scope was one of multiple reasons why the cost estimate increased by 10 percent or more since FY 2013). As noted above, examples of changes in project scope include additional work to characterize sites or ensure sites continue to protect human health and the environment; detecting new contamination; and identifying additional cleanup requirements. There were significant increases in the cost estimates for Fort Monmouth, New Jersey, and the Atka Air Force Auxiliary Field property, Alaska, as mentioned previously. Additionally, at Galena

Forward Operating Location, Alaska, the cost estimate increased by \$53 million (36 percent) because the Air Force identified additional cleanup requirements.

Changes in cost estimates unrelated to changes in scope affected the cost estimates at 56 DoD installations and 9 FUDS properties (19 percent of the locations requiring an explanation, plus an additional 79 DoD installations and 1 FUDS property where a change in the cost estimate unrelated to a change in project scope was one of multiple reasons why the cost estimate increased by 10 percent or more since FY 2013). As noted above, examples include updates to cost estimating models and the actual cost for a portion of the work exceeding the original estimate. There were significant increases in the cost estimates for Dugway Proving Ground, Utah, and Dallas NAS, Texas, as mentioned previously. Additionally, at the Fort Glenn property, Alaska, the cost estimate increased by \$156 million (57 percent) because the actual cost for a portion of the work exceeded the estimate, causing an increase in the estimate for future work.

Conclusion

The Department is making steady and measurable progress in its environmental restoration efforts, successfully moving sites through the cleanup process toward achieving program goals while actively reducing its liability. To date, DoD has completed cleanup at over 31,000 sites. We focus on continuous improvement in the cleanup program: developing new technologies to reduce costs and accelerate cleanup; refining and standardizing our cost estimating as the program matures; and reducing overhead costs. Each of these initiatives helps ensure that we make the best use of our available resources to complete cleanup.

The cost estimates for more than half of the DoD installations and FUDS properties where DoD invested funding during FY 2014 decreased accordingly, and many of those have no remaining cost, signifying that cleanup is complete. For the remaining sites, there are legitimate reasons why their cleanup may be more expensive; the cleanup of these sites is more technically complex and consequently will require more time, regulatory involvement, and funding. Some of these sites, such as complex groundwater sites, will require many years of cleanup, as we are still limited by the best technology available today. As the program matures, however, we continue to increase our understanding of the remaining sites and refine our cost estimates to include new data. Finally, as we add new environmental restoration sites to the program – a seamless process under current DoD policy - our future liability increases.

In FY 2014, we issued procedures to ensure that DoD Components prepare their cost estimates using standard assumptions and the best approach for the environmental restoration program. These procedures present a forward-looking approach to financial management and are improving the consistency and transparency of the cost estimating process.

VII. BRAC OBLIGATION PLAN

The House Appropriations Committee Report (House Report 113-416) accompanying the House version of the Military Construction, Veterans Affairs, and Related Agencies Appropriations Bill 2014 (H.R. 4486) directs the Department to report to the Committee its plan to expedite and expand cleanup activities at legacy BRAC locations and how it will use previously appropriated funds.

The Department is making every effort to clean up BRAC sites. The Department has invested \$11.8 billion in cleanup at BRAC locations over the last 20 years. While the flexibility Congress provided by combining BRAC accounts has helped us put more resources where they are needed, there are two primary factors unrelated to funding that affect progress: the time it takes to advance sites through cleanup phases to site closeout and the time it takes to complete regulatory reviews.

All sites must follow a rigorous investigation and remedy development process defined by law that includes coordination with regulators and the public before the construction of a cleanup system. Generally, cleanup at a site follows a lengthy, multi-phase structured regulatory process: (1) Investigation, (2) Removal or Cleanup System Construction, (3) Cleanup System Operation, (4) Completing Cleanup Activities/Monitoring, and (5) Site Closeout. Once a cleanup system is constructed, it takes a certain amount of time based on site-specific conditions to address the contaminants at a site, and no amount of additional funding can accelerate the process.

We involve regulatory agencies and other stakeholders throughout the cleanup process to maximize transparency, public participation, and collaboration as well as meet our legal requirements. This includes providing regulators with ample opportunities to review and comment on investigations, plans, and findings, and taking proactive steps to identify and address stakeholder concerns. This required coordination, and following the regulatory process takes time. Our cleanup schedules take into consideration the full time required to implement the remedy, including regulatory review and public participation, based on the Department's years of experience in site cleanup.

The Department's investment at BRAC locations has resulted in completed cleanup at most of the sites, and we continue to monitor these sites to ensure no further problems emerge. Congress consolidated the BRAC accounts, providing DoD with increased flexibility to use unobligated prior year funds across the BRAC cleanup inventory. The Department continues to reduce its remaining balances from prior years to supplement its annual appropriations and use land sale revenue to meet annual BRAC cleanup funding needs, as shown in Table 12 below.

Table 12: BRAC Funding Breakout* (millions of dollars)

	FY 2014	FY 2015	FY 2016
Army			
Annual Appropriation	\$96.7	\$68.7	\$15.1
Prior Year Funds	\$287.2	\$237.1	\$8.1
Land Sale Revenue	\$0.0	\$0.0	\$115.6
Army Total Funding	\$384.0	\$305.8	\$138.7
DON			
Annual Appropriation	\$89.3	\$127.3	\$145.0
Prior Year Funds	\$45.1	\$42.9	\$0.0
Land Sale Revenue	\$0.0	\$0.0	\$0.0
Navy Total Funding	\$134.4	\$170.2	\$145.0
Air Force			
Annual Appropriation	\$119.4	\$84.8	\$56.9
Prior Year Funds	\$56.6	\$7.6	\$10.1
Land Sale Revenue	\$0.0	\$0.0	\$0.0
Air Force Total Funding	\$176.0	\$92.4	\$67.0
DLA			
Annual Appropriation	\$0.0	\$0.0	\$0.0
Prior Year Funds ⁺	\$3.2	\$3.3	\$1.3
Land Sale Revenue	\$0.0	\$0.0	\$0.0
DLA Total Funding	\$3.2	\$3.3	\$1.3
DoD Total			
Annual Appropriation	\$305.4	\$280.8	\$217.0
Prior Year Funds	\$392.0	\$290.9	\$19.5
Land Sale Revenue	\$0.0	\$0.0	\$115.6
DoD Total Funding	\$697.6	\$571.7	\$352.0

* Due to rounding, subtotals may not equal FY totals.

⁺ A portion of the prior year funds is from a settlement DLA received from Sunoco to perform cleanup activities at the former Defense Supply Center Philadelphia.

We are engaged with the Military Departments to ensure they are executing plans to efficiently spend remaining unobligated balances based on cleanup schedules. We anticipate that the preponderance of unobligated prior year funds will be used by end of FY 2015. Specifically, the Army will spend all prior year funds by the end of FY 2016 and supplement its annual appropriation with land sale revenue through FY 2020; DON will spend all prior year funds by the end of FY 2015; the Air Force will spend prior year funds in FY 2015 through FY 2019; and DLA will continue to rely on prior year funds obtained from a settlement with Sunoco instead of seeking appropriated funds into FY 2021 to support the operation of a cleanup system.

The Department has completed cleanup activities at 88 percent of its BRAC sites and projects achieving this milestone at 95 percent of BRAC environmental restoration sites by FY 2017. With the flexibility allowed by the use of unobligated prior year funds, DoD will continue to make steady progress, moving the remaining BRAC sites through the cleanup process while protecting human health and the environment.

FY 2014 DEP ARC

Appendix A

Installations and Properties Where DoD Obligated Funding in FY 2014

*Appendix to Section VI, FY 2014 Environmental Restoration Funding and Reasons for
Increases in Cost Estimates Since FY 2013.*

This Appendix provides the amount of environmental restoration funding obligated at each DoD installation and FUDS property in FY 2014; the change in the cost estimate from FY 2013 to FY 2014; and an explanation if the cost estimate did not decrease by at least the amount obligated in FY 2014.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Indiana	Army	1LT CHARLES L. WAPLES USARC	235	231	65	61	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Army	ABERDEEN PROVING GROUND	92,915	92,902	6,793	6,780	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Army	AFRC ALBANY	0	101	163	264	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Army	AKIAK FEDERAL SCOUT ARMORY	1,382	722	923	263	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	ALABAMA AAP	10,380	9,863	3,306	2,789	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alabama	Army	ANNISTON ARMY DEPOT	72,042	73,747	4,667	6,372	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Army	ARMY RESEARCH LABORATORY-WOODBRIDGE	855	1,218	22	385	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Army	ARTHUR MACARTHUR USARC	0	0	6	6	No explanation required.
Kansas	Army	ATCHISON CAVES STORAGE FACILITY	384	0	21	(363)	No explanation required.
Florida	Army	AVIATION SUPPLY FACILITY, 49-A	0	0	13	13	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Wisconsin	Army	BADGER ARMY AMMUNITION PLANT	43,805	50,231	2,107	8,533	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Army	BLOSSOM POINT RESEARCH FACILITY	5,007	1,557	93	(3,357)	No explanation required.
Kentucky	Army	BLUE GRASS ARMY DEPOT	2,557	1,755	54	(748)	No explanation required.
Kentucky	Army	BLUE GRASS ARMY DEPOT-LEXINGTON FACILITY	299	330	180	211	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	Army	CAMERON STATION	474	1,120	45	691	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Army	CAMP BARKELEY	60	143	6	89	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Army	CAMP BONNEVILLE	23,018	17,788	16,967	11,737	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	Army	CAMP GRAYLING ARMY AIRFIELD	0	0	34	34	No explanation required.
New Jersey	Army	CAMP KILMER	1,545	2,428	924	1,807	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Army	CAMP NAVAJO	2,723	3,878	120	1,275	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
New Jersey	Army	CAMP PEDRICKTOWN	2,197	393	1,005	(799)	No explanation required.
Illinois	Army	CHARLES MELVIN PRICE SUPPORT CENTER	2,090	2,497	126	533	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Oregon	Army	CLACKAMAS/CAMP WITHYCOMBE	25,560	9,042	1,994	(14,524)	No explanation required.
New Hampshire	Army	COLD REGIONS RESEARCH AND ENGINEERING LABORATORY	12,206	6,784	2,461	(2,961)	No explanation required.
Nebraska	Army	CORNHUSKER ARMY AMMUNITION PLANT	88,147	55,915	2,240	(29,992)	No explanation required.
Indiana	Army	CRANE ARMY AMMUNITION ACTIVITY	117	0	5	(112)	No explanation required.
Tennessee	Army	DEFENSE DEPOT MEMPHIS TENNESSEE	3,255	9,722	3,396	9,863	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Utah	Army	DEFENSE DIST DEPOT OGDEN UTAH	7,949	8,689	2,113	2,853	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Utah	Army	DESERET CHEMICAL DEPOT	88,193	30,653	26,570	(30,970)	No explanation required.
Michigan	Army	DETROIT ARSENAL	1,637	1,450	146	(41)	No explanation required.
Massachusetts	Army	DEVENS RESERVE TRAINING FACILITY	35,908	43,890	1,869	9,851	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Utah	Army	DUGWAY PROVING GROUND	59,196	83,129	453	24,386	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Army	FIRESTONE CSMS	7,911	47,327	2	39,418	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Army	FOREST GLEN	9,521	6,846	238	(2,437)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Virginia	Army	FORT A P HILL	44	18	22	(4)	No explanation required.
Virginia	Army	FORT BELVOIR	17,076	15,089	2,926	939	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Georgia	Army	FORT BENNING	8,507	20,214	2,949	14,656	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Army	FORT BLISS	45,703	45,388	2,723	2,408	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	Army	FORT BRAGG	10,123	10,555	1,376	1,808	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Puerto Rico	Army	FORT BUCHANAN	2,450	3,249	1,469	2,268	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kentucky	Army	FORT CAMPBELL	6,145	7,008	689	1,552	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Colorado	Army	FORT CARSON	48,042	43,740	3,193	(1,109)	No explanation required.
Arkansas	Army	FORT CHAFFEE	786	839	8	61	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Maryland	Army	FORT DETRICK	29,016	17,699	1,858	(9,459)	No explanation required.
New York	Army	FORT DRUM	16,002	6,843	12,580	3,421	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Maryland	Army	FORT GEORGE G MEADE	62,932	40,677	9,022	(13,233)	No explanation required.
Georgia	Army	FORT GILLEM	11,461	4,555	3,110	(3,796)	No explanation required.
Georgia	Army	FORT GORDON	13,502	9,122	4,441	61	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Army	FORT GREELY	4,724	5,229	829	1,334	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Army	FORT HAMILTON	202	211	26	35	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	Army	FORT HUACHUCA	172	0	239	67	No explanation required.
California	Army	FORT HUNTER LIGGETT	4,616	4,266	693	343	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Pennsylvania	Army	FORT INDIANTOWN GAP TRAINING SITE	10,468	925	4,023	(5,520)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
South Carolina	Army	FORT JACKSON	8,649	13,551	767	5,669	Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Kentucky	Army	FORT KNOX	6,518	6,433	189	104	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Kansas	Army	FORT LEAVENWORTH	3,371	955	967	(1,449)	No explanation required.
Virginia	Army	FORT LEE	2,571	1,623	101	(847)	No explanation required.
Missouri	Army	FORT LEONARD WOOD	2,549	10,346	5,062	12,859	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	FORT MCCLELLAN	179,998	68,978	92,738	(18,282)	No explanation required.
Alabama	Army	FORT MCCLELLAN ARNG	3,168	1,050	151	(1,967)	No explanation required.
Wisconsin	Army	FORT MCCOY	402	221	6	(175)	No explanation required.
District of Columbia	Army	FORT MCNAIR	134	156	2	24	No explanation required.
Georgia	Army	FORT MCPHERSON	3,920	1,594	1,846	(480)	No explanation required.
Montana	Army	FORT MISSOULA ARNG	338	0	43	(295)	No explanation required.
New Jersey	Army	FORT MONMOUTH	39,144	58,852	20,719	40,427	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virginia	Army	FORT MONROE	11,714	12,201	178	665	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Army	FORT ORD	259,866	271,665	89,314	101,113	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 5) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Louisiana	Army	FORT POLK	11,084	9,756	3,654	2,326	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	Army	FORT RILEY	8,319	19,472	2,426	13,579	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Army	FORT RITCHIE	3,345	3,591	15	261	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alabama	Army	FORT RUCKER	56,857	14,312	725	(41,820)	No explanation required.
Hawaii	Army	FORT SHAFTER	1,218	1,315	160	257	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Illinois	Army	FORT SHERIDAN	10,719	11,847	356	1,484	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Oklahoma	Army	FORT SILL	7,222	5,701	49	(1,472)	No explanation required.
Georgia	Army	FORT STEWART	4,669	1,231	418	(3,020)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	Army	FORT WAINWRIGHT	106,325	81,238	3,057	(22,030)	No explanation required.
Montana	Army	FORT WILLIAM HENRY HARRISON	172	0	38	(134)	No explanation required.
New Mexico	Army	FORT WINGATE DEPOT ACTIVITY	157,398	148,866	43,136	34,604	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Army	GERSTLE RIVER TEST SITE	378	0	8	(370)	No explanation required.
Alaska	Army	HAINES PIPELINE	2,098	0	7,949	5,851	No explanation required.
Nevada	Army	HAWTHORNE ARMY DEPOT	200,821	101,377	4,073	(95,371)	No explanation required.
Tennessee	Army	HOLSTON ARMY AMMUNITION PLANT	9,434	9,597	448	611	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Georgia	Army	HUNTER ARMY AIRFIELD	882	1,756	641	1,515	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Iowa	Army	IOWA ARMY AMMUNITION PLANT	28,753	28,817	2,080	2,144	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Indiana	Army	JEFFERSON PROVING GROUND	3,589	3,465	1,023	899	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Army	JFHQ CA ARNG	2,375	3,381	33	1,039	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Colorado	Army	JFHQ CO ARNG	1,006	1,344	12	350	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Georgia	Army	JFHQ GA ARNG	10,925	161	15	(10,749)	No explanation required.
Montana	Army	JFHQ MT ARNG	63,016	91,015	165	28,164	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Army	JFHQ OH ARNG	14,279	14,094	418	233	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Puerto Rico	Army	JFHQ RQ ARNG	98	0	35	(63)	No explanation required.
Washington	Army	JOINT BASE LEWIS-MCCHORD	26,356	26,256	3,263	3,163	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Army	JOINT BASE MYER-HENDERSON HALL	3,278	1,302	586	(1,390)	No explanation required.
Illinois	Army	JOLIET AAP	20,270	22,417	13,214	15,361	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	Army	KANSAS ARMY AMMUNITION PLANT	7,884	2,800	2,742	(2,342)	No explanation required.
Idaho	Army	KIMAMA TS RUPERT	1,614	93	9	(1,512)	No explanation required.
Hawaii	Army	KIPAPA AMMO STORAGE SITE	0	0	5,521	5,521	No explanation required.
Hawaii	Army	KUNIA FIELD STATION	822	786	24	(12)	No explanation required.
Missouri	Army	LAKE CITY ARMY AMMUNITION PLANT	290,480	262,474	4,036	(23,970)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Pennsylvania	Army	LETTERKENNY ARMY DEPOT	26,478	28,668	1,538	3,728	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Army	LOMPOC BRANCH DISCIPLINARY BARRACKS	1,150	732	80	(338)	No explanation required.
Texas	Army	LONE STAR ARMY AMMUNITION PLANT	5,000	4,049	1,470	519	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Texas	Army	LONGHORN ARMY AMMUNITION PLANT	58,769	55,989	1,396	(1,384)	No explanation required.
Louisiana	Army	LOUISIANA ARMY AMMUNITION PLANT	5,345	1,775	1,612	(1,958)	No explanation required.
Hawaii	Army	MAKUA MILITARY RESERVATION	0	0	70	70	No explanation required.
Oklahoma	Army	MCALESTER ARMY AMMUNITION PLANT	16,641	16,066	762	187	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Tennessee	Army	MILAN ARMY AMMUNITION PLANT	53,532	46,362	4,194	(2,976)	No explanation required.
California	Army	MILITARY OCEAN TERMINAL CONCORD	40,115	49,106	1,484	10,475	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Mississippi	Army	MISSISSIPPI ARMY AMMUNITION PLANT	1,950	2,168	1,029	1,247	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	MOBILE OMS 28 & 29	873	3,370	89	2,586	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Massachusetts	Army	MTA CAMP EDWARDS	5,586	11,960	586	6,960	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Utah	Army	MTA-L CAMP WILLIAMS WEST FED	234	938	5,165	5,869	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Army	MTC-H CAMP ROBERTS	3,928	2,717	247	(964)	No explanation required.
California	Army	NATIONAL TRAINING CENTER AND FORT IRWIN	22,425	14,451	2,781	(5,193)	No explanation required.
Alaska	Army	NG ALAKANUK ARMORY	1,006	0	302	(704)	No explanation required.
Alaska	Army	NG KWETHLUK ARMORY	1,030	722	511	203	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Army	NG MOUNTAIN VILLAGE ARMORY	664	0	548	(116)	No explanation required.
Alaska	Army	NG NUNAPITCHUK ARMORY	1,369	722	576	(71)	No explanation required.
Alaska	Army	NG ST MARYS ARMORY	1,305	0	290	(1,015)	No explanation required.
Alaska	Army	NG STEBBINS ARMORY	1,703	0	586	(1,117)	No explanation required.
Alaska	Army	NG TUNUNAK ARMORY	1,115	722	388	(5)	No explanation required.
California	Army	OAKLAND ARMY BASE	19,493	20,362	63	932	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Arizona	Army	PAPAGO MILITARY RESERVATION	165	218	21	74	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Army	PARKS RESERVE FORCES TRAINING AREA	65	3,472	110	3,517	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Army	PHOENIX MILITARY RESERVATION	949	820	37	(92)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
New Jersey	Army	PICATINNY ARSENAL	20,540	26,501	979	6,940	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arkansas	Army	PINE BLUFF ARSENAL	20,209	23,173	797	3,761	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Hawaii	Army	POHAKULOA TRAINING AREA	90,112	86,487	92	(3,533)	No explanation required.
California	Army	PRESIDIO OF MONTEREY	1,085	1,026	27	(32)	No explanation required.
Colorado	Army	PUEBLO CHEMICAL DEPOT	87,813	101,353	639	14,179	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Army	RADFORD ARMY AMMUNITION PLANT	15,339	13,658	781	(900)	No explanation required.
Ohio	Army	RAVENNA ARMY AMMUNITION PLANT	25,385	45,863	2,429	22,907	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Army	RED RIVER ARMY DEPOT	14,770	12,996	899	(875)	No explanation required.
Alabama	Army	REDSTONE ARSENAL	177,143	462,800	12,831	298,488	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Delaware	Army	RIVER ROAD TRAINING SITE	58	22	39	3	No explanation required.
California	Army	RIVERBANK ARMY AMMUNITION PLANT	5,727	5,649	2,567	2,489	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Illinois	Army	ROCK ISLAND ARSENAL	7,497	7,494	609	606	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Colorado	Army	ROCKY MOUNTAIN ARSENAL	191,751	193,688	10,999	12,936	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Army	SACRAMENTO ARMY DEPOT	1,997	1,987	218	208	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Illinois	Army	SAVANNA DEPOT ACTIVITY	93,107	88,245	19,197	14,335	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Army	SCHOFIELD BARRACKS	23,527	30,668	1,006	8,147	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Army	SENECA ARMY DEPOT ACTIVITY	8,428	8,266	2,005	1,843	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Army	SIERRA ARMY DEPOT	23,368	23,098	954	684	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	Army	SIEVERS-SANDBERG USARC	81	69	14	2	No explanation required.
Massachusetts	Army	SOLDIER SYSTEMS CENTER	10,583	13,828	1,395	4,640	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Missouri	Army	ST LOUIS ORDNANCE PLANT	2,323	1,187	348	(788)	No explanation required.
Connecticut	Army	STRATFORD ARMY ENGINE PLANT	31,297	35,192	92	3,987	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Army	SUDBURY TRAINING ANNEX	1,432	1,444	57	69	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Kansas	Army	SUNFLOWER ARMY AMMUNITION PLANT	116,208	48,282	28	(67,898)	No explanation required.
North Carolina	Army	TARHEEL ARMY MISSILE PLANT	0	164	85	249	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	Army	TOBYHANNA ARMY DEPOT	5,259	5,335	448	524	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Utah	Army	TOOELE ARMY DEPOT	36,859	39,714	4,688	7,543	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Hawaii	Army	TRIPLER ARMY MEDICAL CENTER	2,408	2,283	68	(57)	No explanation required.
California	Army	TS AFRC LOS ALAMITOS	24,381	15,792	2,558	(6,031)	No explanation required.
Minnesota	Army	TWIN CITIES ARMY AMMUNITION PLANT	112,481	150,152	1,020	38,691	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Oregon	Army	UMATILLA CHEMICAL DEPOT	11,833	9,265	2,253	(315)	No explanation required.
New Jersey	Army	USARC CAVEN POINT	0	0	3	3	No explanation required.
Ohio	Army	USARC KINGS MILLS (AMSA 59)	308	412	116	220	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Jersey	Army	USARC LODI	0	84	118	202	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Army	USARC NIAGARA FALLS (AMSA 5)	0	0	52	52	No explanation required.
Virginia	Army	VINT HILL FARMS STATION	1,011	1,074	143	206	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
West Virginia	Army	VOLKSTONE	208	50	74	(84)	No explanation required.
Tennessee	Army	VOLUNTEER ARMY AMMUNITION PLANT	23,840	24,692	814	1,666	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Army	WAIAWA GULCH	50	24	42	16	No explanation required.
Hawaii	Army	WAIKAKALAUJA AMMO STORAGE TUNNELS	0	0	84	84	No explanation required.
District of Columbia	Army	WALTER REED ARMY MEDICAL CENTER	283	232	1	(50)	No explanation required.
New York	Army	WATERVLIET ARSENAL	9,822	5,612	178	(4,032)	No explanation required.
Missouri	Army	WELDON SPRING TRAINING AREA	3,292	1,810	81	(1,401)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
New York	Army	WEST POINT MIL RESERVATION	34,227	50,213	1,695	17,681	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Army	WHEELER ARMY AIRFIELD	3,063	1,580	476	(1,007)	No explanation required.
New Mexico	Army	WHITE SANDS MISSILE RANGE	72,844	7,168	80	(65,596)	No explanation required.
Washington	Army	YAKIMA TRAINING CENTER	666	610	37	(19)	No explanation required.
Arizona	Army	YUMA PROVING GROUND	27,873	27,803	3,855	3,785	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Navy	ADAK NAS	95,299	92,071	15,826	12,598	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Guam	Navy	AGANA NAS	6,982	6,333	48	(601)	No explanation required.
California	Navy	ALAMEDA NAS	93,511	70,756	7,683	(15,072)	No explanation required.
Georgia	Navy	ALBANY MCLB	11,931	11,431	433	(67)	No explanation required.
West Virginia	Navy	ALLEGANY BALLISTICS LAB	44,694	32,144	15,566	3,016	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Navy	AMCHITKA FLTSURSPTDET1	35,470	37,525	1,141	3,196	New Site.
District of Columbia	Navy	ANACOSTIA NS	4,177	3,860	558	241	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Navy	ANNAPOLIS NS	38,169	29,137	5,341	(3,691)	No explanation required.
Maryland	Navy	ANNAPOLIS NSWC DET BAY HEAD ANNEX	262	265	38	41	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Navy	AZUSA NCCOSC MORRIS DAM FACILITY	1,214	835	264	(115)	No explanation required.
Maryland	Navy	BAINBRIDGE NTC	7,648	7,834	95	281	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Navy	BANGOR NSB	72,576	70,308	2,541	273	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Navy	BARBERS POINT NAS	5,091	5,086	438	433	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Navy	BARKING SANDS PMRF	8,988	3,004	427	(5,557)	No explanation required.
California	Navy	BARSTOW MCLB	45,324	45,027	2,291	1,994	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
South Carolina	Navy	BEAUFORT MCAS	30,007	27,413	681	(1,913)	No explanation required.
Massachusetts	Navy	BEDFORD NWIRP	18,658	20,496	666	2,504	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Navy	BETHPAGE NWIRP	298,679	294,282	5,082	685	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	BRIDGEPORT MCMWTC	14,983	16,935	218	2,170	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Tennessee	Navy	BRISTOL NWIRP	591	565	10	(16)	No explanation required.
Maine	Navy	BRUNSWICK NAS	32,540	21,457	725	(10,358)	No explanation required.
New York	Navy	CALVERTON NWIRP	27,876	22,672	3,196	(2,008)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
North Carolina	Navy	CAMP LEJEUNE MCB	117,677	125,558	8,068	15,949	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) New Site. 4) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	CAMP PENDLETON MCB	69,716	60,261	11,053	1,598	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 4) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 5) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Florida	Navy	CECIL FIELD NAS	11,942	11,223	1,288	569	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
South Carolina	Navy	CHARLESTON FISC	209	591	22	404	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
South Carolina	Navy	CHARLESTON NS	3,123	3,095	59	31	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
South Carolina	Navy	CHARLESTON NSY	26	0	25	(1)	No explanation required.
North Carolina	Navy	CHERRY POINT MCAS	99,980	97,063	4,583	1,666	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virginia	Navy	CHESAPEAKE NSGA NWEST	31	24	6	(1)	No explanation required.
California	Navy	CHINA LAKE NAWS	37,502	36,334	2,605	1,437	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	Navy	COLTS NECK NWS EARLE	41,581	41,747	600	766	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	CONCORD NWS	54,659	62,482	3,496	11,319	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	CORONADO NAB	5,317	3,731	151	(1,435)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Texas	Navy	CORPUS CHRISTI NAS	9,047	14,770	1,101	6,824	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Indiana	Navy	CRANE NSWC	41,108	37,928	2,881	(299)	No explanation required.
Virginia	Navy	CRANEY ISLAND FISC	2,901	5,828	400	3,327	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	CROWS LANDING NALF	5,946	4,075	2,727	856	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Maine	Navy	CUTLER NCTS	27,997	27,637	590	230	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Virginia	Navy	DAHLGREN NSWC	8,729	17,092	1,414	9,777	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Texas	Navy	DALLAS NAS	3,432	15,180	166	11,914	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Rhode Island	Navy	DAVISVILLE NCBC	20,197	26,574	907	7,284	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	Navy	DIXON NRTF	5,380	5,195	208	23	No explanation required.
Virginia	Navy	DRIVER NAVRADSTA	144	331	24	211	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	Navy	EL CENTRO NAF	30,598	25,207	5,355	(36)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Navy	EL TORO MCAS	45,048	53,340	1,413	9,705	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	FALLBROOK NOC PAC DIV DET	16,812	30,344	2,139	15,671	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nevada	Navy	FALLON NAS	27,808	26,098	1,879	169	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Minnesota	Navy	FRIDLEY NIROP	21,982	27,881	748	6,647	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Texas	Navy	FT WORTH TX NAS JRB	1,501	5,371	1,216	5,086	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Illinois	Navy	GREAT LAKES NTC	251,152	245,699	3,084	(2,369)	No explanation required.
Guam	Navy	GUAM NAVACTS	53,777	54,946	591	1,760	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Guam	Navy	GUAM NCTAMS WESTPAC	4,868	4,780	40	(48)	No explanation required.
Guam	Navy	GUAM NSRF	222	227	9	14	No explanation required.
Mississippi	Navy	GULFPORT NCBC	18,806	14,405	2,914	(1,487)	No explanation required.
California	Navy	IMPERIAL BEACH OLF	6,378	8,346	615	2,583	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	Navy	INDIAN HEAD NSWC	184,302	177,410	4,164	(2,728)	No explanation required.
Florida	Navy	JACKSONVILLE NAS	26,748	27,177	4,032	4,461	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Navy	KANEOHE BAY MCB	16,029	9,196	2,777	(4,056)	No explanation required.
Missouri	Navy	KANSAS CITY MCSA	576	592	27	43	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Florida	Navy	KEY WEST NAS	46,018	44,599	1,881	462	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Washington	Navy	KEYPORT NUWC	24,041	24,475	952	1,386	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Georgia	Navy	KINGS BAY NSB	3,578	3,556	146	124	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	LEMOORE NAS	17,712	17,370	171	(171)	No explanation required.
Virginia	Navy	LITTLE CREEK NAB	281,331	277,736	1,098	(2,497)	No explanation required.
California	Navy	LONG BEACH NS	451	2,148	4	1,701	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
California	Navy	LONG BEACH NS SAN PEDRO	7,915	10,748	1,009	3,842	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	LONG BEACH NSY	626	531	185	90	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Navy	LOS ANGELES NMCRC	188	0	172	(16)	No explanation required.
Kentucky	Navy	LOUISVILLE NSWC	3,283	3,059	168	(56)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Hawaii	Navy	LUALUALEI NAVMAG	70,319	50,490	9,371	(10,458)	No explanation required.
California	Navy	MARE ISLAND NSY	56,096	70,405	1,749	16,058	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Navy	MAYPORT NS	5,185	10,580	383	5,778	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Texas	Navy	MCGREGOR NWIRP	28,330	27,104	827	(399)	No explanation required.
Pennsylvania	Navy	MECHANICSBURG SPCC	2,476	3,060	238	822	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Tennessee	Navy	MEMPHIS NAS	17,789	16,077	473	(1,239)	No explanation required.
Mississippi	Navy	MERIDIAN NAS	6,820	6,065	1,382	627	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Midway Islands	Navy	MIDWAY NAF	3,872	3,991	448	567	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Navy	MIRAMAR MCAS	43,127	42,624	1,837	1,334	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	MOFFETT FIELD NAS	65,393	61,227	3,987	(179)	No explanation required.
Hawaii	Navy	NAVFAC HAWAII P HARBOR	43,979	41,994	10,150	8,165	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Connecticut	Navy	NEW LONDON NSB	9,924	11,663	5,099	6,838	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Louisiana	Navy	NEW ORLEANS NAS	354	320	11	(23)	No explanation required.
Rhode Island	Navy	NEWPORT NETC	62,322	75,118	8,404	21,200	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Virginia	Navy	NORFOLK COMNAVBASE	28,399	30,619	1,701	3,921	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virginia	Navy	NORFOLK NSY	4,648	4,821	267	440	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Navy	NORTH ISLAND NAS	51,576	48,276	9,878	6,578	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	NOVATO DOD HOUSING FACILITY	862	1,175	191	504	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Guam	Navy	NSA ANDERSEN GUAM	63,895	62,641	2,062	808	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
Virginia	Navy	OCEANA NAS	33,846	34,163	1,607	1,924	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Florida	Navy	ORLANDO NTC	10,213	9,420	1,180	387	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Florida	Navy	PANAMA CITY CSS	4,115	4,059	115	59	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
South Carolina	Navy	PARRIS ISLAND MCRD	15,183	15,236	2,813	2,866	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Maryland	Navy	PATUXENT RIVER NAS	42,726	38,843	915	(2,968)	No explanation required.
Hawaii	Navy	PEARL HARBOR FISC	7,403	9,486	580	2,663	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Hawaii	Navy	PEARL HARBOR NS	123,372	122,160	9,668	8,456	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Navy	PEARL HARBOR NSB	488	443	38	(7)	No explanation required.
Hawaii	Navy	PEARL HARBOR NSY	8,313	9,152	1,191	2,030	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Florida	Navy	PENSACOLA NAS	59,562	59,110	3,708	3,256	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Pennsylvania	Navy	PHILADELPHIA NS	1,233	1,840	73	680	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Navy	POINT BARROW NARL	18,188	30,401	9,618	21,831	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	Navy	POINT MUGU NAWS	18,784	17,334	1,290	(160)	No explanation required.
Washington	Navy	PORT HADLOCK NOC PAC DIV DET	2,498	2,525	103	130	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	PORT HUENEME NCBC	12,318	10,550	1,828	60	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Maine	Navy	PORTSMOUTH NSY	21,784	17,185	3,876	(723)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Puerto Rico	Navy	PUERTO RICO NAVACT	35,635	39,189	13,476	17,030	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Navy	PUGET SOUND FISC BREMERTON	3,204	3,282	55	133	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Navy	PUGET SOUND NAVHOSP BREMERTON	1,582	1,563	146	127	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Navy	PUGET SOUND NS	23,561	32,192	2,550	11,181	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Washington	Navy	PUGET SOUND NSY	106,767	99,167	7,918	318	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Navy	QUANTICO MCB	130,182	132,660	6,548	9,026	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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Puerto Rico	Navy	ROOSEVELT ROADS CAMP GARCIA	14,829	13,727	1,059	(43)	No explanation required.
California	Navy	SAN CLEMENTE ISLAND NALF	3,520	1,765	1,513	(242)	No explanation required.
California	Navy	SAN DIEGO NISE WEST	842	1,123	1,974	2,255	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	SAN DIEGO NS	295,734	286,700	3,145	(5,889)	No explanation required.
California	Navy	SAN DIEGO NTC	7,442	7,046	257	(139)	No explanation required.
Florida	Navy	SAUFLEY FIELD NAS	5,894	5,576	1,214	896	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	SEAL BEACH NWS	40,059	39,088	3,302	2,331	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Massachusetts	Navy	SOUTH WEYMOUTH NAS	21,466	17,636	3,339	(491)	No explanation required.
Maryland	Navy	ST INIGOES NISE EAST COAST DET	2,050	816	314	(920)	No explanation required.
Virginia	Navy	ST JULIEN'S CREEK ANNEX	14,349	13,160	1,107	(82)	No explanation required.
California	Navy	TREASURE ISLAND NS	20,517	35,990	10,453	25,926	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	TREASURE ISLAND NS HUNTERS PT ANNEX	329,121	292,089	33,720	(3,312)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
New Jersey	Navy	TRENTON NAWC	21,558	22,403	863	1,708	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	Navy	TUSTIN MCAS	13,225	16,346	1,017	4,138	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	TWENTYNINE PALMS MCAGCC	21,383	18,039	1,614	(1,730)	No explanation required.
Puerto Rico	Navy	VIEQUES EAST	344,826	320,821	23,755	(250)	No explanation required.
Puerto Rico	Navy	VIEQUES PUERTO RICO NASD	6,112	4,363	2,735	986	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Hawaii	Navy	WAHIAWA NCTAMS EASTPAC	13,270	12,771	120	(379)	No explanation required.
Pennsylvania	Navy	WARMINSTER NAWC	15,749	41,638	3,747	29,636	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
District of Columbia	Navy	WASHINGTON DC NAVOBSY	307	52	240	(15)	No explanation required.
District of Columbia	Navy	WASHINGTON NAVY YARD	7,162	6,414	998	250	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Washington	Navy	WHIDBEY ISLAND NAS	62,962	63,080	1,978	2,096	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Maryland	Navy	WHITE OAK NSWC	3,767	3,967	154	354	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Florida	Navy	WHITING FIELD NAS	18,568	24,937	210	6,579	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Virginia	Navy	WILLIAMSBURG FISC CHEATHAM ANNEX	13,717	15,335	2,461	4,079	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	Navy	WILLOW GROVE NAS	10,492	64,071	469	54,048	Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
Virginia	Navy	YORKTOWN FISC FUELS DIVISION	24,007	26,861	888	3,742	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	Navy	YORKTOWN NWS	39,975	41,673	2,952	4,650	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Arizona	Navy	YUMA MCAS	26,045	20,598	1,922	(3,525)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Illinois	Air Force	ABRAHAM LINCOLN CAPITAL AP	1,633	224	323	(1,086)	No explanation required.
California	Air Force	AF PLANT NO 42 - B	5,664	5,552	828	716	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Texas	Air Force	AIR FORCE PLANT 4	11,662	13,012	329	1,679	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	Air Force	AIR FORCE PLANT 44	81,360	74,965	158	(6,237)	No explanation required.
New York	Air Force	AIR FORCE PLANT 59	2,249	3,002	37	790	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Georgia	Air Force	AIR FORCE PLANT 6	47,339	39,786	8,684	1,131	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Ohio	Air Force	AIR FORCE PLANT 85	5,613	3,643	2,227	257	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Air Force	AIR FORCE PLANT PJKS	9,310	10,674	233	1,597	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Michigan	Air Force	ALPENA COUNTY REGIONAL AIRPORT	666	332	866	532	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Oklahoma	Air Force	ALTUS AIR FORCE BASE	12,115	33,405	2,130	23,420	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Tennessee	Air Force	ARNOLD	93,378	99,972	3,647	10,241	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Jersey	Air Force	ATLANTIC CITY MUN	5,882	12,347	273	6,738	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	Air Force	AVON PARK AIR FORCE RANGE	10,326	11,718	1,541	2,933	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
South Dakota	Air Force	BADLANDS BOMBING RANGE	3,908	4,402	82	576	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Louisiana	Air Force	BARKSDALE AIR FORCE BASE	12,469	13,263	314	1,108	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	Air Force	BARNES MUNICIPAL AIRPORT	231	343	524	636	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Air Force	BARTER ISLAND	9,089	10,518	59	1,488	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Air Force	BEALE	217,334	103,794	4,174	(109,366)	No explanation required.
Hawaii	Air Force	BELLOWS AIR FORCE STATION	15,677	8,839	157	(6,681)	No explanation required.
Texas	Air Force	BERGSTROM AFB	18,882	8,704	1,012	(9,166)	No explanation required.
Alaska	Air Force	BETHEL RANGE	4,777	5,630	76	929	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	Air Force	BIG MOUNTAIN RADIO RELAY STATION	13,102	14,997	327	2,222	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Texas	Air Force	BROOKS CITY-BASE	9,146	5,564	475	(3,107)	No explanation required.
Colorado	Air Force	BUCKLEY AFB	17,781	21,433	67	3,719	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Colorado	Air Force	BUCKLEY ANNEX	0	1,038	565	1,603	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	BULLEN POINT	30	0	180	150	No explanation required.
Vermont	Air Force	BURLINGTON INTERNATIONAL AIRPORT	13,683	9,643	3,029	(1,011)	No explanation required.
Florida	Air Force	CAMP BLANDING MIL RESERVATION	599	81	342	(176)	No explanation required.
Washington	Air Force	CAMP MURRAY AIR GUARD STATION	798	84	704	(10)	No explanation required.
Alaska	Air Force	CAMPION AIR FORCE STATION	9,765	14,296	980	5,511	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Mexico	Air Force	CANNON	30,584	12,757	2,827	(15,000)	No explanation required.
Florida	Air Force	CAPE CANAVERAL AIR FORCE STATION	61,613	78,059	6,527	22,973	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	Air Force	CAPE LISBURNE LONG RANGE RADAR SITE	3,705	6,898	453	3,646	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	CAPE NEWENHAM LONG RANGE RADAR SITE	8,987	7,915	840	(232)	No explanation required.
Alaska	Air Force	CAPE ROMANZOF LONG RANGE RADAR SITE	22,138	21,106	463	(569)	No explanation required.
Texas	Air Force	CARSWELL AFB	9,054	5,147	241	(3,666)	No explanation required.
California	Air Force	CASTLE AFB	25,399	61,316	899	36,816	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	CHANNEL ISLANDS	2,754	2,577	400	223	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	Air Force	CHANUTE AFB	58,093	33,164	2,898	(22,031)	No explanation required.
North Carolina	Air Force	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT	3,197	3,675	1,760	2,238	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Wyoming	Air Force	CHEYENNE MUNICIPAL AIRPORT	8,707	10,148	13	1,454	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	CLEAR AIR FORCE STATION	8,488	17,043	370	8,925	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	COLD BAY LONG RANGE RADAR SITE	3,683	3,201	87	(395)	No explanation required.
Mississippi	Air Force	COLUMBUS AIR FORCE BASE	15,973	5,970	1,183	(8,820)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Oregon	Air Force	COOS HEAD AIR NATIONAL GUARD STATION	815	1,771	82	1,038	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	COSTA MESA AIR GUARD STATION	798	476	570	248	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nevada	Air Force	CREECH AIR FORCE BASE	312	430	21	139	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Air Force	DAVIS-MONTHAN AIR FORCE BASE	2,757	3,912	1,099	2,254	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Iowa	Air Force	DES MOINES	551	500	60	9	No explanation required.
Georgia	Air Force	DOBBINS AIR FORCE BASE	5,337	5,101	32	(204)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Delaware	Air Force	DOVER AIR FORCE BASE	25,983	35,685	3,106	12,808	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	Air Force	DRIFTWOOD BAY RADIO RELAY STATION	13,804	5,829	4,154	(3,821)	No explanation required.
Minnesota	Air Force	DULUTH INTERNATIONAL AIRPORT	3,627	2,452	1,733	558	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	DUNCAN CANAL RADIO RELAY STATION (RRS)	672	879	780	987	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Arkansas	Air Force	EAKER AFB	8,918	7,113	497	(1,308)	No explanation required.
Alaska	Air Force	EARECKSON AIR FORCE BASE	79,809	65,265	2,211	(12,333)	No explanation required.
California	Air Force	EDWARDS AIR FORCE BASE	517,829	453,457	24,461	(39,911)	No explanation required.
Florida	Air Force	EGLIN	35,229	28,250	2,528	(4,451)	No explanation required.
Alaska	Air Force	EIELSON AIR FORCE BASE	95,366	39,165	12,598	(43,603)	No explanation required.
South Dakota	Air Force	ELLSWORTH AIR FORCE BASE	16,578	19,712	197	3,331	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Louisiana	Air Force	ENGLAND AFB	16,752	16,815	1,609	1,672	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Air Force	FAIRCHILD AIR FORCE BASE	39,642	40,599	6,484	7,441	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Kansas	Air Force	FORBES	998	82	456	(460)	No explanation required.
Washington	Air Force	FOUR LAKES COMM AIR GUARD STATION	0	0	48	48	No explanation required.
Wyoming	Air Force	FRANCIS E WARREN AIR FORCE BASE	13,851	14,999	1,389	2,537	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Air Force	FRANCIS S. GABRESKI (WEST HAMPTON)	2,244	2,818	62	636	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arkansas	Air Force	FT SMITH	472	250	144	(78)	No explanation required.
Alaska	Air Force	GALENA FOL	148,682	173,776	28,295	53,389	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wisconsin	Air Force	GEN B MITCHELL	1,909	5,905	341	4,337	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Ohio	Air Force	GENTILE AFS	8,475	6,130	737	(1,608)	No explanation required.
California	Air Force	GEORGE AFB	58,253	49,800	6,674	(1,779)	No explanation required.
Texas	Air Force	GOODFELLOW	3,602	4,117	126	641	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Dakota	Air Force	GRAND FORKS AIR FORCE BASE	2,054	2,348	85	379	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Montana	Air Force	GREAT FALLS INTERNATIONAL AIRPORT	1,429	0	1,170	(259)	No explanation required.
Illinois	Air Force	GREATER PEORIA AIRPORT	1,063	11,352	472	10,761	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Indiana	Air Force	GRISSOM ARB	27,266	13,162	2,521	(11,583)	No explanation required.
Alabama	Air Force	GUNTER AIR FORCE BASE	1,613	222	171	(1,220)	No explanation required.
Massachusetts	Air Force	HANSCOM	10,682	11,278	187	783	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
North Dakota	Air Force	HECTOR IAP	6,591	11,260	618	5,287	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Utah	Air Force	HILL AIR FORCE BASE	255,058	183,602	47,963	(23,493)	No explanation required.
New Mexico	Air Force	HOLLOMAN	14,535	40,949	7,452	33,866	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Florida	Air Force	HOMESTEAD	23,667	19,136	2,423	(2,108)	No explanation required.
Indiana	Air Force	HULMAN REGIONAL AIRPORT	0	750	144	894	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.
Florida	Air Force	HURLBURT FIELD	24,891	9,232	1,716	(13,943)	No explanation required.
Alaska	Air Force	INDIAN MOUNTAIN RESEARCH	43,158	33,741	673	(8,744)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Maryland	Air Force	JB-ANDREWS	158,709	154,998	4,317	606	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Massachusetts	Air Force	JB-CAPE COD	107,947	104,777	7,432	4,262	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) New Site.
South Carolina	Air Force	JB-CHARLESTON-AIR	24,602	19,492	175	(4,935)	No explanation required.
South Carolina	Air Force	JB-CHARLESTON-WEAPONS	56,368	67,565	475	11,672	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	JBER-ELMENDORF	98,364	115,555	613	17,804	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	JBER-RICHARDSON	33,390	36,305	2,725	5,640	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Virginia	Air Force	JBLE-EUSTIS	16,838	15,738	3,241	2,141	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Virginia	Air Force	JBLE-LANGLEY	8,257	12,746	933	5,422	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New Jersey	Air Force	JBMDL-DIX	62,396	67,298	4,797	9,699	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
New Jersey	Air Force	JBMDL-LAKEHURST	93,392	94,466	4,056	5,130	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
New Jersey	Air Force	JBMDL-MCGUIRE	203,478	231,832	16,318	44,672	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Texas	Air Force	JBSA-CAMP BULLIS	2,499	4,791	128	2,420	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Texas	Air Force	JBSA-FORT SAM HOUSTON	3,676	977	111	(2,588)	No explanation required.
Texas	Air Force	JBSA-LACKLAND	64,509	56,098	3,658	(4,753)	No explanation required.
Texas	Air Force	JBSA-RANDOLPH	3,377	3,393	218	234	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Missouri	Air Force	JEFFERSON BARRACKS AIR GUARD STATION	0	500	75	575	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Mississippi	Air Force	JOHN C. STENNIS SPACE CENTER	267	314	7	54	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Johnston Atoll	Air Force	JOHNSTON ATOLL	1,731	9,762	984	9,015	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	Air Force	K.I. SAWYER AFB	24,154	32,198	1,334	9,378	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	KALAKAKET CREEK RADIO RELAY STATION	4,752	3,750	94	(908)	No explanation required.
Mississippi	Air Force	KEESLER	14,192	3,208	70	(10,914)	No explanation required.
Texas	Air Force	KELLY AFB	57,357	27,043	13,825	(16,489)	No explanation required.
Alaska	Air Force	KING SALMON	34,973	29,080	7,124	1,231	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Mexico	Air Force	KIRTLAND	79,708	44,749	6,090	(28,869)	No explanation required.
Oregon	Air Force	KLAMATH FALLS IAP (KINGSLEY FIELD)	4,975	3,664	276	(1,035)	No explanation required.
Alaska	Air Force	KOTZEBUE LONG RANGE RADAR SITE	4,695	5,260	44	609	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	LAKE LOUISE	2,527	4,211	431	2,115	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Missouri	Air Force	LAMBERT ST. LOUIS INTERNATIONAL AIRPORT	4,318	4,000	484	166	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Texas	Air Force	LAPORTE AIR NATIONAL GUARD STATION	595	500	88	(7)	No explanation required.
Texas	Air Force	LAUGHLIN	7,782	7,017	261	(504)	No explanation required.
Nebraska	Air Force	LINCOLN MUNICIPAL AIRPORT	599	82	356	(161)	No explanation required.
Arkansas	Air Force	LITTLE ROCK AIR FORCE BASE	12,134	13,671	261	1,798	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Maine	Air Force	LORING AFB	51,266	55,015	3,176	6,925	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	LOS ANGELES AIR FORCE BASE	343	79	274	10	No explanation required.
Kentucky	Air Force	LOUISVILLE IAP	0	0	108	108	No explanation required.
Colorado	Air Force	LOWRY AFB	613	591	229	207	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Puerto Rico	Air Force	LUIS MUNOZ MARIN	1,243	1,234	906	897	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Air Force	MACDILL	32,154	34,032	4,320	6,198	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Montana	Air Force	MALMSTROM AIR FORCE BASE	1,985	7,444	60	5,519	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Air Force	MARCH	53,749	59,753	1,204	7,208	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Air Force	MATHER AFB	64,887	63,607	1,118	(162)	No explanation required.
Alabama	Air Force	MAXWELL	41,440	46,347	4,400	9,307	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	Air Force	MCCLELLAN AFB	177,579	87,498	58,496	(31,585)	No explanation required.
Kansas	Air Force	MCCONNELL AIR FORCE BASE	233,441	63,635	10,000	(159,806)	No explanation required.
South Carolina	Air Force	MCENTIRE AIR GUARD BASE	5,411	9,174	333	4,096	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Tennessee	Air Force	MCGHEE/TYSON	6,186	3,952	1,387	(847)	No explanation required.
Tennessee	Air Force	MEMPHIS	800	417	404	21	No explanation required.
North Dakota	Air Force	MINOT	7,844	5,608	858	(1,378)	No explanation required.
Georgia	Air Force	MOODY AIR FORCE BASE	9,076	10,819	1,053	2,796	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Idaho	Air Force	MOUNTAIN HOME AIR FORCE BASE	1,505	1,592	310	397	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	MURPHY DOME	1,308	482	8	(818)	No explanation required.
South Carolina	Air Force	MYRTLE BEACH AFB	14,268	14,603	785	1,120	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	NAKNEK RECREATIONAL CAMP I	3,540	4,184	2	646	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	NAKNEK RECREATIONAL CAMP II	5,398	6,363	36	1,001	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Tennessee	Air Force	NASHVILLE METRO	88	0	64	(24)	No explanation required.
Nevada	Air Force	NELLIS AIR FORCE BASE	6,493	5,231	1,159	(103)	No explanation required.
Delaware	Air Force	NEW CASTLE COUNTY	7,676	7,233	2,360	1,917	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Air Force	NEWARK AFB	8,046	4,643	476	(2,927)	No explanation required.
Alaska	Air Force	NIKOLSKI RADIO RELAY STATION	15,193	7,357	4,334	(3,502)	No explanation required.
Alaska	Air Force	NORTH RIVER RADIO RELAY STATION	434	315	2,746	2,627	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	NORTON AFB	13,156	11,592	557	(1,007)	No explanation required.
Illinois	Air Force	O'HARE IAP ARS	9,442	4,425	1,558	(3,459)	No explanation required.
Alaska	Air Force	OLIKTOK RADIO RELAY STATION	6,368	14,408	36	8,076	New Site.
California	Air Force	ONIZUKA AS	0	0	48	48	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Florida	Air Force	PATRICK AIR FORCE BASE	19,515	21,801	1,937	4,223	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Hampshire	Air Force	PEASE AFB	15,188	14,857	8,551	8,220	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Colorado	Air Force	PETERSON AIR FORCE BASE	1,179	4,140	412	3,373	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
New York	Air Force	PLATTSBURGH AFB	29,326	25,611	890	(2,825)	No explanation required.
California	Air Force	POINT ARENA AIR FORCE STATION	2,168	1,616	50	(502)	No explanation required.
Alaska	Air Force	POINT BARROW LONG RANGE RADAR	5,744	5,712	1,320	1,288	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	POINT LAY	0	0	1,279	1,279	No explanation required.
Alaska	Air Force	PORT HEIDEN RADIO RELAY STATION	21,547	13,047	14,238	5,738	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Oregon	Air Force	PORTLAND	501	0	976	475	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Puerto Rico	Air Force	PUNTA BORINQUEN RADAR SITE	200	83	344	227	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Puerto Rico	Air Force	PUNTA SALINAS AIR GUARD STATION	399	82	277	(40)	No explanation required.
Texas	Air Force	REESE AFB	12,636	13,174	1,085	1,623	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nevada	Air Force	RENO TAHOE INTERNATIONAL AIRPORT	2,511	663	333	(1,515)	No explanation required.
Missouri	Air Force	RICHARDS-GEBAUR AFB	5,121	4,878	514	271	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Air Force	RICHMOND IAP BYRD FIELD	904	1,180	31	307	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Air Force	RICKENBACKER ANGB	4,162	4,666	989	1,493	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Georgia	Air Force	ROBINS	53,009	58,758	827	6,576	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Air Force	ROME RESEARCH SITE	40,910	36,207	2,180	(2,523)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Missouri	Air Force	ROSECRANS MEM	297	250	397	350	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Air Force	ROSLYN ANGB	387	3,532	183	3,328	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	SAN DIEGO SPACE SURVEILLANCE FIELD STATN	3,185	1,195	115	(1,875)	No explanation required.
Georgia	Air Force	SAVANNAH CRTC	399	82	164	(153)	No explanation required.
Georgia	Air Force	SAVANNAH INTERNATIONAL AIRPORT	1,426	4,870	16	3,460	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	Air Force	SCOTT AIR FORCE BASE	91,732	36,401	10,575	(44,756)	No explanation required.
North Carolina	Air Force	SEYMOUR JOHNSON AIR FORCE BASE	3,952	5,007	1,407	2,462	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
South Carolina	Air Force	SHAW AIR FORCE BASE	63,863	76,194	946	13,277	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Air Force	SHEPPARD	1,859	2,187	66	394	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Iowa	Air Force	SIOUX CTY APT ANG	297	250	50	3	No explanation required.
Alaska	Air Force	SPARREVOHN AIR FORCE STATION	1,195	1,427	29	261	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Ohio	Air Force	SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT	1,294	1,568	157	431	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Air Force	STEWART INTERNATIONAL AIRPORT	3,059	4,646	278	1,865	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	TATALINA AIR FORCE STATION	20,593	19,503	195	(895)	No explanation required.
Alaska	Air Force	TED STEVENS INTERNATIONAL AIRPORT	0	0	48	48	No explanation required.
Oklahoma	Air Force	TINKER	47,873	42,512	1,968	(3,393)	No explanation required.
California	Air Force	TRAVIS AIR FORCE BASE	177,885	177,393	26,453	25,961	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Arizona	Air Force	TUCSON INTERNATIONAL AIRPORT	7,883	6,776	1,928	821	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Air Force	TULELAKE OTHB RADAR SITE	0	7,518	1,057	8,575	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Oklahoma	Air Force	TULSA	599	231	173	(195)	No explanation required.
Florida	Air Force	TYNDALL	93,871	93,711	207	47	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Oklahoma	Air Force	VANCE	6,544	7,626	98	1,180	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Air Force	VANDENBERG	312,595	309,202	38,278	34,885	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Wisconsin	Air Force	VOLK FIELD AIR GUARD BASE	2,319	3,170	2,078	2,929	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	WAINWRIGHT	713	431	307	25	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	WEST NOME TANK FARM	562	653	61	152	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Missouri	Air Force	WHITEMAN AIR FORCE BASE	1,388	1,572	55	239	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Oklahoma	Air Force	WILL ROGERS WORLD	798	82	1,032	316	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Arizona	Air Force	WILLIAMS AFB	44,340	13,593	8,635	(22,112)	No explanation required.
Pennsylvania	Air Force	WILLOW GROVE AIR FORCE RESERVE	4,506	2,811	2,100	405	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Pennsylvania	Air Force	WILLOW GROVE ANG	0	3,536	243	3,779	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Ohio	Air Force	WRIGHT PATTERSON	58,279	55,156	4,210	1,087	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Michigan	Air Force	WURTSMITH AFB	74,113	83,155	3,582	12,624	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	DLA	CURTIS BAY	3,138	3,142	196	200	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	DLA	DD SAN JOAQUIN, SHARPE FACILITY	138,442	125,305	2,765	(10,372)	No explanation required.
California	DLA	DD SAN JOAQUIN, TRACY FACILITY	18,519	10,390	2,036	(6,093)	No explanation required.
Pennsylvania	DLA	DD SUSQUEHANNA, NEW CUMBERLAND FAC.	11,705	7,679	73	(3,953)	No explanation required.
Alaska	DLA	DLA ENERGY	2,509	3,958	276	1,725	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Pennsylvania	DLA	DSC PHILADELPHIA	51,362	35,918	3,117	(12,327)	No explanation required.
Virginia	DLA	DSC RICHMOND	22,513	37,801	2,498	17,786	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Maine	FUDS	AF GAT	4,454	4,355	252	153	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	AF PLANT NO 13	0	21	4	25	Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
Florida	FUDS	AF PLANT NO 74	3,851	3,685	114	(52)	No explanation required.
Maine	FUDS	AF RADAR TRACKING STATION	4,032	3,948	269	185	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Hawaii	FUDS	AIEA MILITARY RESERVATION	565	374	59	(132)	No explanation required.
Massachusetts	FUDS	AIR FORCE PLANT #28	0	0	4	4	No explanation required.
Washington	FUDS	AIR FORCE PLANT NO 75	121	44	48	(29)	No explanation required.
Florida	FUDS	AIR-TO-GROUND GUN RANGE PINELLAS	519	556	5	42	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alaska	FUDS	AKUTAN	706	550	39	(117)	No explanation required.
California	FUDS	ALMADEN AIR FORCE STATION	39	33	1	(5)	No explanation required.
Alaska	FUDS	AMAKNAK	23,765	15,189	4,303	(4,273)	No explanation required.
Texas	FUDS	AMARILLO AIR FORCE BASE	18,966	5,831	9	(13,126)	No explanation required.
Alaska	FUDS	AMCHITKA AF AUXILIARY FIELD	235,553	235,750	32	229	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	ANIAK ARPT	37	31	94	88	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	ANNETTE ISL LAND FLD	4,106	9,212	27	5,133	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Wisconsin	FUDS	ANTIGO AIR FORCE STATION	5,412	2,031	76	(3,305)	No explanation required.
Oklahoma	FUDS	ARDMORE AIR FORCE BASE	3,235	2,963	39	(233)	No explanation required.
Puerto Rico	FUDS	ARECIBO AUX AIR DROME	30	0	18	(12)	No explanation required.
Alaska	FUDS	ATKA AF AUX FLD	9,166	69,906	4,123	64,863	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	ATKA CAPE KUDUGNAX	14,990	11,517	3,770	297	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	ATL BASIN IRON WORKS	271	131	152	12	No explanation required.
New Jersey	FUDS	ATLANTIC CITY NAS	8,505	8,463	211	169	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Texas	FUDS	ATLAS AF FAC S-8	744	529	41	(174)	No explanation required.
Oklahoma	FUDS	ATLAS MISSILE NO. 4	1,824	1,702	17	(105)	No explanation required.
Oklahoma	FUDS	ATLAS MISSILE NO. 5	1,190	1,097	17	(76)	No explanation required.
Texas	FUDS	ATLAS MISSILE NO.7 (K06OK0407)	13,290	13,040	34	(216)	No explanation required.
Alaska	FUDS	ATTU ISL MIL SITES	157,953	156,050	54	(1,849)	No explanation required.
American Samoa	FUDS	AUA FUEL FARM	3,029	2,061	204	(764)	No explanation required.
Georgia	FUDS	AUGUSTA ARSENAL DEPOT	109	74	2	(33)	No explanation required.
California	FUDS	AZUSA DUMP SITE OWL 4X PL	0	0	2	2	No explanation required.
Alaska	FUDS	BARWELL ISLAND	190	73	159	42	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BAYWOOD PARK TRAINING AREA	567	588	1	22	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	FUDS	BEALE AFB TITAN 1-A	37	82	5	50	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BEALE AFB TITAN 1-C	708	415	256	(37)	No explanation required.
New Jersey	FUDS	BELLE MEAD GEN DEPOT	607	0	9	(598)	No explanation required.
California	FUDS	BENICIA ARSENAL	774	890	9	125	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	BETHEL ARPT	5,093	3,217	771	(1,105)	No explanation required.
Alaska	FUDS	BETHEL BIA HDQRS	1,354	926	447	19	No explanation required.
New Jersey	FUDS	BETHLEHEM LOADING	52	51	54	53	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
South Dakota	FUDS	BLACK HILLS ORD DPT	28,904	22,705	78	(6,121)	No explanation required.
California	FUDS	BLACK POINT COMMUNICATIONS FACILITY ANNEX	18	51	7	40	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	BLAINE NAVAL AMMUNITION DEPOT	98,405	215,541	3,164	120,300	New Site.
Rhode Island	FUDS	BLUE BEACH	2,945	2,856	89	(0)	No explanation required.
Texas	FUDS	BLUEBONNET ORD PLANT	1,571	5,230	118	3,777	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Oregon	FUDS	BOARDMAN AIR FORCE RANGE	30,070	27,857	2,463	250	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Idaho	FUDS	BOISE ARMY BARRACKS	375	12,973	5	12,603	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BORDER FIELD STATE PARK	10,036	3,191	79	(6,766)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	FUDS	BORREGO SPRINGS	77,452	80,676	21	3,245	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	BRAZIL STREET DEPOT	5	10	8	13	No explanation required.
Louisiana	FUDS	BREEZY HILL ARTLY RG	33,451	33,048	78	(325)	No explanation required.
Alabama	FUDS	BROOKLEY AFB U SO ALA	11,434	11,020	20	(394)	No explanation required.
Florida	FUDS	BROOKSVILLE TURRET GUNNERY RANGE	570	528	42	(0)	No explanation required.
Colorado	FUDS	BUCKLEY FIELD	29,871	25,918	401	(3,552)	No explanation required.
Virginia	FUDS	BUCKROE BEACH	539	559	20	40	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	BUSHNELL ARMY AIRFIELD	1,040	821	58	(161)	No explanation required.
Alaska	FUDS	BUSKIN BCH-KODIAK ISL	24,769	24,245	390	(134)	No explanation required.
North Carolina	FUDS	BUXTON NAVAL FACILITY	60	71	4	15	No explanation required.
Alaska	FUDS	CAINES HEAD, FT MCGILV	2,747	2,660	23	(64)	No explanation required.
California	FUDS	CAMARILLO AIRPRT	7,615	6,112	85	(1,418)	No explanation required.
Virgin Islands of the U.S.	FUDS	CAMP ACOSTA	58	51	8	1	No explanation required.
Oregon	FUDS	CAMP ADAIR/ADAIR AFS	53,448	51,105	55	(2,288)	No explanation required.
California	FUDS	CAMP ANZA	52	0	40	(12)	No explanation required.
Florida	FUDS	CAMP BLANDING	67,640	67,557	69	(14)	No explanation required.
Kentucky	FUDS	CAMP BRECKINRIDGE	27,440	26,750	86	(604)	No explanation required.
Arkansas	FUDS	CAMP CHAFFEE	5,748	5,615	48	(85)	No explanation required.
Louisiana	FUDS	CAMP CLAIBORNE	16,363	14,589	30	(1,744)	No explanation required.
Michigan	FUDS	CAMP CLAYBANK AAA FIRING RANGE	10,644	11,030	44	430	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Massachusetts	FUDS	CAMP EDWARDS	1,378	785	263	(330)	No explanation required.
California	FUDS	CAMP ELLIOT	46,662	54,303	1,385	9,026	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Illinois	FUDS	CAMP ELLIS MILITARY RESERVATION	15,999	4,433	161	(11,405)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Texas	FUDS	CAMP FANNIN	45,123	44,433	61	(629)	No explanation required.
California	FUDS	CAMP FLINT	21	20	18	17	No explanation required.
Florida	FUDS	CAMP GORDON JOHNSTON	137,265	134,035	102	(3,128)	No explanation required.
Illinois	FUDS	CAMP GRANT RIFLE RANGE	982	1,504	54	576	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Oklahoma	FUDS	CAMP GRUBER	22,040	22,538	37	535	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	CAMP HAAN	16,337	16,088	247	(2)	No explanation required.
Colorado	FUDS	CAMP HALE	213,260	128,558	110	(84,592)	No explanation required.
Wisconsin	FUDS	CAMP HAVENS AAA FIRING RANGE	0	0	3	3	No explanation required.
Texas	FUDS	CAMP HOWZE (FELDERHOFF)	61,237	86,775	271	25,809	New Site.
California	FUDS	CAMP LOCKETT	16,577	16,789	94	306	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Michigan	FUDS	CAMP LUCAS MAINTENANCE FACILITY	41	0	10	(31)	No explanation required.
Texas	FUDS	CAMP MAXEY	21,958	13,806	135	(8,017)	No explanation required.
Illinois	FUDS	CAMP MCDOWELL RADAR SCHOOL	71	0	6	(65)	No explanation required.
Florida	FUDS	CAMP MURPHY	696	662	61	27	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	FUDS	CAMP NORRIE	2,306	79	33	(2,194)	No explanation required.
Puerto Rico	FUDS	CAMP O'REILLY	4,456	4,065	48	(343)	No explanation required.
Arkansas	FUDS	CAMP ROBINSON/CAMP PIKE	37,767	97,525	3,674	63,432	New Site.
California	FUDS	CAMP SAN LUIS OBISPO	22,292	14,907	361	(7,024)	No explanation required.
Mississippi	FUDS	CAMP SHELBY MANUVER AREA	16,592	13,140	12	(3,440)	No explanation required.
Ohio	FUDS	CAMP SHERMAN ARTILLERY RANGE	0	8,548	68	8,616	New Site.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	FUDS	CAMP STONEMAN	14,673	0	7	(14,666)	No explanation required.
Texas	FUDS	CAMP SWIFT	27,429	26,894	125	(410)	No explanation required.
Virginia	FUDS	CAMP WALLACE	965	5,219	50	4,304	New Site.
Georgia	FUDS	CAMP WHEELER	21,464	22,819	1,956	3,311	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	FUDS	CAMP WOLTERS	26,075	19,987	38	(6,050)	No explanation required.
California	FUDS	CANOGA AVE FACILITY (AFP#56)	0	0	4	4	No explanation required.
Massachusetts	FUDS	CAPE POGE LITTLE NECK BOMB TARGET SITE	4,750	4,163	382	(205)	No explanation required.
Alaska	FUDS	CAPE SARICHEF	6,755	3,121	2,172	(1,462)	No explanation required.
Alaska	FUDS	CAPE THOMPSON NAV SITE	61	0	18	(43)	No explanation required.
Alaska	FUDS	CAPE YAKATAGA RRS	4,562	4,541	3	(18)	No explanation required.
Illinois	FUDS	CARMI AIR FORCE STATION	2,230	46	416	(1,768)	No explanation required.
Wyoming	FUDS	CASPER AFB	5,200	3,293	60	(1,847)	No explanation required.
Texas	FUDS	CASTNER RANGE	4,349	4,124	60	(165)	No explanation required.
Alaska	FUDS	CATON ISLAND	4,263	4,435	227	399	Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
North Carolina	FUDS	CHARLOTTE ARMY MIS PL	4,379	4,234	31	(114)	No explanation required.
New York	FUDS	CHARLOTTE CEN GFA	110	98	16	4	No explanation required.
North Carolina	FUDS	CHARLOTTE NAV AMM DEPO	3,423	3,295	18	(110)	No explanation required.
Utah	FUDS	CLEARFIELD NAVAL SUPPLY DEPOT	10	10	15	15	No explanation required.
Ohio	FUDS	CLEVELAND PLANT	20	39	32	51	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Ohio	FUDS	CLEVELAND TANK TESTING FARM	25	39	9	23	No explanation required.
Ohio	FUDS	CLINTON COUNTY AIR FORCE BASE	1,583	1,235	37	(311)	No explanation required.
Oklahoma	FUDS	CLINTON SHERMAN AFB	9,109	7,183	363	(1,563)	No explanation required.
Oregon	FUDS	COAST GUARD BASE, TONGUE POINT	0	0	1	1	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	COLD BAY ACS COM-FT RA	45,696	34,882	4,518	(6,296)	No explanation required.
Alaska	FUDS	COLLINSON POINT DEW	2,391	214	1,358	(819)	No explanation required.
South Carolina	FUDS	CONWAY BMB&GUNRY RNG	26,591	22,740	315	(3,536)	No explanation required.
North Carolina	FUDS	COROLLA NAVAL TARGET	1,901	576	206	(1,119)	No explanation required.
Florida	FUDS	CORRY ST USN TECH TRAINING	896	743	257	104	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	FUDS	CP BUTNER TRNG CMP	12,927	17,850	90	5,013	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
South Carolina	FUDS	CP CROFT	23,020	23,159	57	196	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	FUDS	CP SIBERT	31,248	36,937	931	6,620	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Massachusetts	FUDS	CP WELLFLEET	2,274	2,480	19	225	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	FUDS	CRAIG AFB	1,268	1,222	6	(40)	No explanation required.
Texas	FUDS	CUDDIHY FIELD	72	1,063	219	1,210	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Puerto Rico	FUDS	CULEBRA PUERTO RICO	89,731	89,100	824	193	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	DALE MABRY AAF	4,865	3,147	32	(1,686)	No explanation required.
Alaska	FUDS	DAVIDSON-S LANDING	37	36	44	43	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Montana	FUDS	DEL BONITA AFS	8,682	8,268	39	(375)	No explanation required.
Florida	FUDS	DELAND NAVAL TRAINING CENTER	143	662	126	645	New Site.
New Mexico	FUDS	DEMING AAF PBR #24	3,525	2,307	2,401	1,183	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Colorado	FUDS	DENVER ORD PLANT	0	0	6	6	No explanation required.
Puerto Rico	FUDS	DESECHEO ISLAND	7,723	4,970	1,257	(1,496)	No explanation required.
Kansas	FUDS	DODGE CITY AAF	4,318	3,523	42	(753)	No explanation required.
South Carolina	FUDS	DONALDSON AFB	17,695	17,345	734	384	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maine	FUDS	DOW MIL AF	6,610	6,447	47	(116)	No explanation required.
California	FUDS	D-Q UNIVERSITY	256	196	111	51	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	DREW FIELD	9,770	9,751	19	0	No explanation required.
California	FUDS	DRY CANYON ARTILLERY RANGE	9,557	9,454	94	(9)	No explanation required.

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North Carolina	FUDS	DUCK TARGET FACILITY	360	636	98	374	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Minnesota	FUDS	DULUTH INTERNATIONAL AIRPORT	4,143	0	2	(4,141)	No explanation required.
Wisconsin	FUDS	EAU CLAIRE OP #1	0	0	6	6	No explanation required.
Alaska	FUDS	EIELSON FARM ROAD AAA SITE	749	636	13	(100)	No explanation required.
Alaska	FUDS	EKLUTNA ARMY SITES	3,731	3,657	79	5	No explanation required.
Florida	FUDS	ELLYSON FIELD	735	479	29	(227)	No explanation required.
New York	FUDS	ENGINEER SCH	1,772	2,820	206	1,254	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Ohio	FUDS	ERIE ARMY DEPOT	522	501	60	39	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wyoming	FUDS	FE WAR AFB AF FAC S-6	7,723	852	422	(6,449)	No explanation required.
Wyoming	FUDS	FE WAR AFB AF FAC SITE 5	3,397	3,240	43	(114)	No explanation required.
Wyoming	FUDS	FE WARREN AFB FAC SITE 1	19,343	19,080	18	(245)	No explanation required.
Colorado	FUDS	FE WARREN AFB FAC SITE 11	1,841	1,753	36	(52)	No explanation required.
Colorado	FUDS	FE WARREN AFB FAC SITE 12	3,256	3,116	34	(106)	No explanation required.
Colorado	FUDS	FE WARREN AFB FAC SITE 13	2,590	2,487	32	(71)	No explanation required.
Wyoming	FUDS	FE WARREN AFB FAC SITE 2	53,316	55,160	3,077	4,921	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wyoming	FUDS	FE WARREN AFB FAC SITE 3	1,390	1,354	52	16	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Wyoming	FUDS	FE WARREN AFB FAC SITE 4	9,777	13,740	618	4,581	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wyoming	FUDS	FE WARREN AFB FAC SITE 7	25	0	142	117	No explanation required.
Nebraska	FUDS	FE WARREN AFB FAC SITE 8	3,297	3,167	38	(92)	No explanation required.
Missouri	FUDS	FEDERAL CENTER COMPLEX	14,278	18,149	535	4,406	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Minnesota	FUDS	FINLAND AFS Z-69	4,422	3,166	76	(1,180)	No explanation required.
Texas	FUDS	FIVE POINTS OLF(TWINPARKSESTATES)	1,767	1,705	49	(13)	No explanation required.
New York	FUDS	FLOYD BENNETT FLD	6,914	6,035	3,499	2,620	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	FORBES AFB	18,479	18,835	1,358	1,714	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	FORBES AFB ATLAS S-01	5,943	5,248	553	(142)	No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-02	5,963	5,228	681	(54)	No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-04	5,224	152	38	(5,034)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Kansas	FUDS	FORBES AFB ATLAS S-05	5,620	5,605	675	660	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	FORBES AFB ATLAS S-07	1,931	1,781	130	(20)	No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-08	4,391	152	49	(4,190)	No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-09	1,157	910	89	(158)	No explanation required.
Missouri	FUDS	FOREST PARK RECREATION CAMP	837	1,142	8	313	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virgin Islands of the U.S.	FUDS	FORMER FORT SEGARRA	527	567	3	43	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	FORT BABCOCK, SITKA	2,912	2,213	62	(637)	No explanation required.
California	FUDS	FORT BAKER	443	160	251	(32)	No explanation required.
California	FUDS	FORT BARRY	1,307	1,498	227	418	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	FUDS	FORT CUSTER REC/INDUSTRIAL AREAS	32,426	26,845	3	(5,578)	No explanation required.
Michigan	FUDS	FORT CUSTER VA AREA	3,606	3,516	254	164	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wyoming	FUDS	FORT FRANCIS E. WARREN TAR & MANEUVER RGE	12,216	7,859	19	(4,338)	No explanation required.
Alaska	FUDS	FORT GLENN	271,823	427,268	225	155,670	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Jersey	FUDS	FORT HANCOCK	17,905	22,978	596	5,669	New Site.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Arizona	FUDS	FORT HUACHUCA	10,270	7,155	106	(3,009)	No explanation required.
Maine	FUDS	FORT KNOX	597	0	388	(209)	No explanation required.
California	FUDS	FORT MASON	64	76	118	130	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	FUDS	FORT MCDOWELL	11,945	5,645	20	(6,280)	No explanation required.
New Jersey	FUDS	FORT MOTT	42	0	5	(37)	No explanation required.
Alaska	FUDS	FORT PIERCE	1,486	1,793	70	377	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	FUDS	FORT RODMAN	947	8,322	735	8,110	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	FORT ROUSSEAU, SITKA	5,497	9,532	68	4,103	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	FORT SLOCUM-NEPTUNE	281	133	85	(63)	No explanation required.
Michigan	FUDS	FORT WAYNE	13	13	21	21	No explanation required.
Texas	FUDS	FOSTER AIR FORCE BASE	1,759	625	40	(1,094)	No explanation required.
Pennsylvania	FUDS	FRANKFORD ARSENAL	31,074	23,747	398	(6,929)	No explanation required.
Missouri	FUDS	FT CROWDER	21,748	8,434	22	(13,292)	No explanation required.
Florida	FUDS	FT PIERCE NAVAL AMPH BASE	13,899	20,872	690	7,663	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alabama	FUDS	GADSDEN ORDNANCE PLANT	100	59	2	(39)	No explanation required.
Montana	FUDS	GLASGOW AFB	5,911	5,983	11	83	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Georgia	FUDS	GLYNCO NAS	233	225	25	17	No explanation required.
California	FUDS	GOFFS CAMPSITE	2,368	3,262	80	974	New Site.
California	FUDS	GOLDEN GATE NATIONAL RECREATION AREA	576	134	450	8	No explanation required.
Minnesota	FUDS	GOPHER ORD PLT ROSEMOUNT	0	33	7	40	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Delaware	FUDS	GOVERNOR BACON HEALTH CENTER	49	48	1	0	No explanation required.
Oklahoma	FUDS	GR SALT PL BOMB RGE	3,102	3,071	63	32	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	FUDS	GRAND CENTRAL AIR TERMINAL	5	10	8	13	No explanation required.
Michigan	FUDS	GRAND RAPIDS NGTR	1,034	1,018	26	10	No explanation required.
Illinois	FUDS	GREEN RIVER ORDNANCE PLANT	0	0	3	3	No explanation required.
Michigan	FUDS	GROSSE ILE NAS - NIKE D-51	3,277	3,799	161	683	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	FUDS	GUNNERY SITE	382	3,191	31	2,840	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Hawaii	FUDS	HAIKU RADIO STATION	1,523	2,221	124	822	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alaska	FUDS	HAINES FAIRBANKS PIPELINE	12,344	9,891	1,034	(1,419)	No explanation required.
Hawaii	FUDS	HALEIWA LANDING FIELD	83	53	15	(15)	No explanation required.
California	FUDS	HAMILTON ARMY AIRFIELD	2,276	985	368	(923)	No explanation required.
California	FUDS	HAMMER FIELD	70	235	25	190	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Louisiana	FUDS	HAMMOND BOMBING RANGE	20,676	8,370	35	(12,271)	No explanation required.
Mississippi	FUDS	HANCOCK CO. BOMBING & GUNNERY RANGE	534	516	2	(16)	No explanation required.
Illinois	FUDS	HANNA CITY AIR FORCE STATION	137	0	32	(105)	No explanation required.
California	FUDS	HAYWARD ARMY AIRFIELD	2,051	1,614	319	(118)	No explanation required.
Florida	FUDS	HENDRICKS AAF	588	578	83	73	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	HERINGTON AAF	878	641	97	(140)	No explanation required.
Massachusetts	FUDS	HINGHAM NAD (ANNEX)	22,922	18,712	364	(3,846)	No explanation required.
Alaska	FUDS	HOONAH RRS	25	25	1	1	No explanation required.
Northern Mariana Islands	FUDS	HOSPITAL DUMP SITE	1,105	932	84	(89)	No explanation required.
California	FUDS	HUNTERS POINT SHIPYARD ANNEX	66	0	29	(37)	No explanation required.
Kansas	FUDS	HUTCHINSON NAS	280	300	80	100	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Guam	FUDS	IBANEZ/GUERRERO PROPERTIES	554	171	53	(330)	No explanation required.
Illinois	FUDS	IL ORDNANCE PLANT (CRAB ORCHARD)	3,481	3,463	397	379	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Kansas	FUDS	INDEPENDENCE AAF	1,843	315	27	(1,501)	No explanation required.
Texas	FUDS	JAMES CONNALLY AFB	3,234	2,917	144	(173)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	FUDS	JANESVILLE GAP FILLER ANNEX	1,060	0	22	(1,038)	No explanation required.
Missouri	FUDS	JEFFERSON BARRACKS	350	890	36	576	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Florida	FUDS	JUNGLE WARFARE TEST TARGET	0	5,206	24	5,230	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	JUNIPER CK FUEL DUMP	984	1,012	1	29	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kentucky	FUDS	KENTUCKY ORDNANCE WORKS	7,206	651	234	(6,321)	No explanation required.
Michigan	FUDS	KINCHELOE AIR FORCE BASE	18,762	16,091	178	(2,493)	No explanation required.
Arizona	FUDS	KINGMAN G TO G GUNNERY RANGE	5,694	1,619	771	(3,304)	No explanation required.
Indiana	FUDS	KINGSBURY ORDNANCE PLANT	17,707	17,487	97	(123)	No explanation required.
Missouri	FUDS	KIRKSVILLE AFS P-64	7,227	7,280	745	798	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Mexico	FUDS	KIRTLAND AFB DEM BOMB RGE	3,643	2,062	1,930	349	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Mexico	FUDS	KIRTLAND AFB PBR N1 N3	5,760	11,460	257	5,957	New Site.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	KODIAK NAVY/ARMY	28,678	28,949	1,627	1,898	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	FUDS	KOFA NWR	31,839	32,210	164	535	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	FUDS	LAKE BRYANT BOMB & GUNNERY RANGE	61,476	60,292	76	(1,108)	No explanation required.
California	FUDS	LAKE CHABOT MACHINE GUN RANGE	161	374	211	424	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	LAKE CITY NAAS	0	223	196	419	New Site.
New York	FUDS	LAKE ONTARIO ORDNANCE WORKS	23,800	17,099	367	(6,334)	No explanation required.
Florida	FUDS	LAKELAND AAF	587	446	52	(89)	No explanation required.
Texas	FUDS	LAREDO AFB	6,547	4,769	788	(990)	No explanation required.
Florida	FUDS	LEE FIELD	18,129	14,012	3,405	(712)	No explanation required.
Kansas	FUDS	LIBERAL AAF	3,258	1,975	122	(1,161)	No explanation required.
Nebraska	FUDS	LINCOLN AFB AF FAC S-1	374	369	68	63	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Nebraska	FUDS	LINCOLN AFB AF FAC S-10	4,331	3,842	745	256	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AFB AF FAC S-3	0	0	4	4	No explanation required.
Nebraska	FUDS	LINCOLN AFB AF FAC S-4	24,629	24,214	30	(385)	No explanation required.
Nebraska	FUDS	LINCOLN AFB AF FAC S-6	12,660	12,475	612	427	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AFB AF FAC S-7	3,619	6,165	22	2,568	New Site.
Nebraska	FUDS	LINCOLN AFB AF FAC S-8	964	3,337	65	2,438	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AFB AF FAC S-9	3,738	4,974	99	1,335	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AIR FORCE BASE	4,038	409	80	(3,549)	No explanation required.
Ohio	FUDS	LOCKBOURNE AIR FORCE BASE	34,460	34,213	4,211	3,964	New Site.
Guam	FUDS	LONFIT PLANNING PROJECT	22,067	21,856	6	(205)	No explanation required.
Maine	FUDS	LOR AFB LAU AX	105	107	12	14	No explanation required.
Ohio	FUDS	LORDSTOWN ORDNANCE DEPOT	4,535	2,408	728	(1,399)	No explanation required.
Maine	FUDS	LORING AFB COMMO AX #2	279	455	26	202	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Colorado	FUDS	LOWRY AFB S-1 (COMPLEX 1B)	931	886	74	29	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Colorado	FUDS	LOWRY AFB S-1 (COMPLEX 1C)	778	689	43	(46)	No explanation required.
Colorado	FUDS	LOWRY AFB S-2 (COMPLEX 2C)	1,527	2,044	34	551	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Vermont	FUDS	LYNDONVILLE AIR FORCE STA	744	483	57	(204)	No explanation required.
Maine	FUDS	MACH GATR	1,682	1,576	25	(81)	No explanation required.
Georgia	FUDS	MACON ORDNANCE PLANT	109	94	2	(13)	No explanation required.
Hawaii	FUDS	MAKANALUA BOMBING RANGE	9,120	8,909	65	(146)	No explanation required.
Virginia	FUDS	MANASSAS AIR FORCE COMM FACILITY	3,952	3,868	436	352	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	FUDS	MANCHESTER ANNEX	4,569	6,505	1,332	3,268	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
North Carolina	FUDS	MANTEO NAV AUX AIR ST	239	175	7	(57)	No explanation required.
New York	FUDS	MARATHON BAT PLT	0	0	3	3	No explanation required.
Pennsylvania	FUDS	MARIETTA AIR FORCE STATION	3,259	3,867	132	740	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	FUDS	MARION ENGINEER DEPOT	582	254	190	(138)	No explanation required.
Northern Mariana Islands	FUDS	MARPI POINT FIELD	5,897	3,084	2,726	(87)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
West Virginia	FUDS	MARSHALL ARMY CHEMICAL PLANT	20	0	3	(17)	No explanation required.
Hawaii	FUDS	MAUI AIRPORT MILITARY RES	7,492	0	43	(7,449)	No explanation required.
Hawaii	FUDS	MAUI BOMBING TARGETS	25,477	24,440	88	(949)	No explanation required.
Puerto Rico	FUDS	MAYAGUEZ MISSILE ANNEX	280	123	363	206	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	MCCOY AFB	4,631	4,172	35	(424)	No explanation required.
California	FUDS	MODOC AERIAL GUNNERY AND BOMBING RANGE	27,721	27,804	12	95	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	MOJAVE GUNNERY RANGE	35,380	65,774	130	30,524	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
West Virginia	FUDS	MORGANTOWN OW	25	10	2	(13)	No explanation required.
Tennessee	FUDS	MOTLOW RANGE	10,852	10,704	51	(97)	No explanation required.
California	FUDS	MOUNT OWEN RIFLE RANGE	1,542	3,347	2,785	4,590	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	FUDS	MOVING TAR MACH GUN RG	4,726	4,482	361	117	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	MT.EDGE CUMBE/SITKA NOB	136	82	112	58	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	MULLET KEY BOMB & GUN RANGE	4,505	635	71	(3,799)	No explanation required.
Michigan	FUDS	MUSKEGON ORD PLANT	965	611	304	(50)	No explanation required.
North Carolina	FUDS	NAAS EDENTON	3,841	1,914	6	(1,921)	No explanation required.
Virginia	FUDS	NANSEMOND ORDNANCE DEPOT	18,281	60,022	4,260	46,001	New Site.
Massachusetts	FUDS	NANTUCKET BCH	9,601	9,277	77	(247)	No explanation required.
Massachusetts	FUDS	NANTUCKET MEM ARPT	2,257	1,411	657	(189)	No explanation required.
Georgia	FUDS	NAS ATLANTA	2,516	1,905	57	(554)	No explanation required.
Washington	FUDS	NAS-QUILLAYUTE	6,202	6,137	73	8	No explanation required.
Oregon	FUDS	NAV AIR STA, TONGUE POINT	10,640	13,094	369	2,823	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	FUDS	NAVAL AIR STATION LITCHFIELD	0	0	1	1	No explanation required.
California	FUDS	NAVAL AIR STATION OAKLAND	371	143	24	(204)	No explanation required.
Rhode Island	FUDS	NAVAL AUX LANDING FIELD	10,975	7,123	52	(3,800)	No explanation required.
California	FUDS	NAVAL AUXILIARY AIR STATION	1,945	7,238	233	5,526	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	NAVAL AUXILIARY AIR STATION MONTEREY	1,236	0	104	(1,132)	No explanation required.
California	FUDS	NAVAL AUXILIARY AIR STATION SANTA ROSA	915	352	496	(67)	No explanation required.
Illinois	FUDS	NAVAL ORD STATION, FOREST PARK	1,862	0	1	(1,861)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Puerto Rico	FUDS	NAVAL STATION SAN JUAN	2,993	2,808	48	(137)	No explanation required.
Illinois	FUDS	NAVAL WEAPONS INDUSTRIAL RESERVE PLANT	6,435	5,829	20	(586)	No explanation required.
Alaska	FUDS	NE CAPE (ST LAWRENCE ISLAND)	14,192	6,715	7,583	106	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	NEBRASKA ORDNANCE PLANT	279,315	253,580	4,052	(21,683)	No explanation required.
Rhode Island	FUDS	NETC(MELVILLE IND FAC)	2,213	2,188	53	28	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	FUDS	NEW CUMBERLAND ARMY DEPOT	854	684	188	18	No explanation required.
Maine	FUDS	NIKE 58	1,393	1,398	39	44	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Maryland	FUDS	NIKE BA-03 (PHOENIX)	425	2,896	84	2,555	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	FUDS	NIKE BA-30/31 (TOLCHESTER)	175	315	62	202	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	NIKE BAT NY 15 LAUNCH	222	91	126	(5)	No explanation required.
New York	FUDS	NIKE BU 18	316	158	227	69	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Indiana	FUDS	NIKE C-32 - INDIANA DUNES	3,687	4,064	193	570	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Indiana	FUDS	NIKE C-45 - GARY AIRPORT	0	0	12	12	No explanation required.
Indiana	FUDS	NIKE C-47 - HOBART	1,702	1,560	32	(110)	No explanation required.
Indiana	FUDS	NIKE C-48 - GARY	39	0	1	(38)	No explanation required.
Illinois	FUDS	NIKE C-70 - NAPERVILLE	187	317	18	148	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Illinois	FUDS	NIKE C-80/81 - ARLINGTON	0	13	36	49	New Site.
Illinois	FUDS	NIKE C-93 - SKOKIE LAGOONS	40	0	8	(32)	No explanation required.
Ohio	FUDS	NIKE CD-78 - OXFORD	1,757	860	118	(779)	No explanation required.
Ohio	FUDS	NIKE CL-48 - GARFIELD HEIGHTS	58	0	24	(34)	No explanation required.
Michigan	FUDS	NIKE D-57/58 - NEWPORT	0	0	3	3	No explanation required.
Maine	FUDS	NIKE LO-13	369	682	24	337	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
New Jersey	FUDS	NIKE NY 88	483	382	74	(27)	No explanation required.
New Jersey	FUDS	NIKE NY-73	0	0	4	4	No explanation required.
New Jersey	FUDS	NIKE PH 41/43	143	134	39	30	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	FUDS	NIKE PH 58	329	181	31	(117)	No explanation required.
Pennsylvania	FUDS	NIKE PH-75/78 (MEDIA)	3,182	2,977	47	(158)	No explanation required.
Rhode Island	FUDS	NIKE PR-79	3,901	3,836	136	71	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	NIKE SITE BAY	1,023	1,222	37	236	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	FUDS	NIKE SL-10 - MARINE	2,632	2,743	327	438	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	FUDS	NIKE W-35 (CROOM)	0	0	68	68	No explanation required.
Maryland	FUDS	NIKE W-44 (WALDORF)	1,052	1,172	44	164	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	NIRF (UNDERSEA CENTER)	10	82	9	81	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	NOME AREA DEF REGION	9,707	14,495	128	4,916	New Site.
New York	FUDS	NORTHEASTERN INDUSTRIAL PARK	2,422	3,074	189	841	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	NORTHWAY ACS	2,202	1,304	673	(225)	No explanation required.
Alaska	FUDS	NORTHWAY STAGING FLD	1,404	1,996	301	893	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	NUVAGAPAK PT DEW(BAR A	3,294	575	2,379	(340)	No explanation required.
Hawaii	FUDS	OAHU ISLAND TARGET	2,649	2,536	51	(62)	No explanation required.
California	FUDS	OAKLAND MUNICIPAL AIRPORT	3,145	2,437	286	(422)	No explanation required.
California	FUDS	OAKLAND MUNICIPAL AIRPORT DETACHMENT HOUSING SITE	1,160	970	26	(164)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Alaska	FUDS	OCEAN CAPE RR SITE	4,263	4,154	37	(72)	No explanation required.
Nebraska	FUDS	OFFUTT AFB AF FAC S-2	375	364	85	74	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Iowa	FUDS	OFFUTT AFB AF FAC S-3	0	10,542	40	10,582	
Alaska	FUDS	OGLIUGA ISL	3,814	4,009	48	243	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Oklahoma	FUDS	OKLAHOMA ORDNANCE WORKS	34,920	2,472	16	(32,432)	No explanation required.
Kansas	FUDS	OLATHE NAVAL AIR STATION	943	1,258	85	400	New Site.
Pennsylvania	FUDS	OLMSTED AFB (SUNSET ANNEX)	1,700	1,648	39	(13)	No explanation required.
California	FUDS	ONTARIO ARMY AIRFIELD	32	113	19	100	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	FUDS	OPA LOCKA AIRPORT	14,188	7,259	183	(6,746)	No explanation required.
Hawaii	FUDS	OPANA POINT BOMBING RANGE	711	2,887	29	2,205	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	FUDS	ORANGE PORT OF NAV SHIP STOR	188	184	5	1	
Florida	FUDS	ORLANDO RANGE AND CHEMICAL YARD	946	675	53	(218)	No explanation required.
New York	FUDS	OSWEGATCHIE GAP FIL AX	0	0	1	1	No explanation required.
Virginia	FUDS	OYSTER POINT STORAGE AREA	874	939	264	329	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Hawaii	FUDS	PACIFIC JUNGLE COMBAT	7,860	7,911	305	356	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	FUDS	PALI TRAINING CAMP	27,952	34,809	212	7,069	New Site.
Hawaii	FUDS	PALMYRA ISLAND	1,186	1,155	23	(8)	No explanation required.
Texas	FUDS	PANTEX ORDNANCE PLANT (TX TECH)	9,218	260	23	(8,935)	No explanation required.
Hawaii	FUDS	PAPOHAKU RANCLAND SUB	712	30,545	34	29,867	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	FUDS	PARKS AFB	5,791	4,888	441	(462)	No explanation required.
Florida	FUDS	PASSAGE KEY AIR-TO-GROUND GUN	1,729	1,171	943	385	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	PEDRO DOME	31	30	51	50	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	PETALUMA BOMBING TARGET	41	92	11	62	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
South Dakota	FUDS	PINE RIDGE GUNNERY RANGE	20,999	14,726	240	(6,033)	No explanation required.
Florida	FUDS	PINECASTLE JEEP RANGE	3,743	1,996	63	(1,684)	No explanation required.
Ohio	FUDS	PLUM BROOK ORD WORKS	97,211	28,190	9,595	(59,426)	No explanation required.
Virginia	FUDS	PLUM TREE ISLAND RANGE	43,146	40,948	40	(2,158)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Idaho	FUDS	POCATELLO BOMBING RANGE #3	2,933	4,840	944	2,851	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wyoming	FUDS	POLE MOUNTAIN	31,529	31,471	23	(35)	No explanation required.
Hawaii	FUDS	POPOKI TARGET AREA	1,202	335	38	(829)	No explanation required.
Washington	FUDS	PORT ANGELES COMBAT RANGE	8,692	8,491	130	(71)	No explanation required.
Alaska	FUDS	PORT HEIDEN	23,359	15,105	4,994	(3,260)	No explanation required.
Alaska	FUDS	PORT OF WHITTIER	947	906	56	15	No explanation required.
Connecticut	FUDS	PRATT & WHITNEY PLANCOR	0	0	3	3	No explanation required.
Puerto Rico	FUDS	PUERTO RICO BOMB RANGE	5,373	3,591	727	(1,055)	No explanation required.
Rhode Island	FUDS	QUONSET POINT NAS	20,110	17,429	268	(2,413)	No explanation required.
Michigan	FUDS	RACO AAF-HIAWATHA NF	0	1,523	120	1,643	New Site.
Puerto Rico	FUDS	RAMEY AIR FORCE BASE	9,628	9,466	44	(118)	No explanation required.
New Jersey	FUDS	RARITAN ARSN-TA ED PK	36,706	46,287	1,556	11,137	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	REDDING ARMY AIRFIELD	20	10	18	8	No explanation required.
Missouri	FUDS	RICHARDS-GEBAUR AFB	202	20	3	(179)	No explanation required.
Florida	FUDS	RICHMOND NAS	322	709	529	916	New Site.
Ohio	FUDS	ROSSFORD AD	6,924	6,922	27	25	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	SAMPSON AFB	2,563	2,302	16	(245)	No explanation required.
California	FUDS	SAN FRANCISCO AAA BATTERY 61-N	42	0	11	(31)	No explanation required.
California	FUDS	SAN FRANCISCO DEFENSE AREA SITE 61-R	27	23	6	2	No explanation required.
California	FUDS	SAN FRANCISCO NIKE BATTERY 08-09	303	0	244	(59)	No explanation required.
California	FUDS	SAN FRANCISCO NIKE BATTERY 93	1,215	713	242	(260)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	FUDS	SAN FRANCISCO TRANS-OCEANIC RECEIVER STATION SITE	10	20	4	14	No explanation required.
Puerto Rico	FUDS	SAN PATRICIO HOSPITAL	261	102	294	135	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	SANAK ISLAND ARMY AWS	13,317	5,390	4,944	(2,983)	No explanation required.
Florida	FUDS	SANFORD AIRPORT	10,439	1,777	55	(8,607)	No explanation required.
Illinois	FUDS	SANGAMON ORDNANCE PLANT	19,268	0	5	(19,263)	No explanation required.
Michigan	FUDS	SAULT STE MARIE AFS	1,512	1,174	138	(200)	No explanation required.
Kansas	FUDS	SCHILLING AFB	207	10	3	(194)	No explanation required.
Kansas	FUDS	SCHILLING AFB ATLAS S-01	3,523	3,585	91	153	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	SCHILLING AFB ATLAS S-03	6,520	2,314	120	(4,086)	No explanation required.
Kansas	FUDS	SCHILLING AFB ATLAS S-04	5,419	2,111	93	(3,215)	No explanation required.
Kansas	FUDS	SCHILLING AFB ATLAS S-05	7,848	6,884	1,622	658	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	SCHILLING AFB ATLAS S-06	5,258	5,359	106	207	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	SCHILLING AFB ATLAS S-12	7,462	5,399	119	(1,944)	No explanation required.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Ohio	FUDS	SCIOTO ORDNANCE PLANT	152	1,723	407	1,978	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	FUDS	SEATTLE NAVAL SUPPLY DEPOT	1,193	4,044	63	2,914	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Tennessee	FUDS	SEWART AFB	10,013	6,484	94	(3,435)	No explanation required.
New York	FUDS	SHO BEA FIRE CON STA	104	92	60	48	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arkansas	FUDS	SHUMAKER NAVAL AMMO DEPOT	131	129	5	3	No explanation required.
Nebraska	FUDS	SIOUX ARMY DEPOT	44,630	51,855	515	7,740	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Iowa	FUDS	SIOUX CITY MUNI AIRPORT	0	6	9	15	No explanation required.
California	FUDS	SISKIYOU BOMBING RANGE	13,244	13,232	9	(3)	No explanation required.
California	FUDS	SISKIYOU COUNTY AIRPORT	1,941	0	13	(1,928)	No explanation required.
Arkansas	FUDS	SOUTHWESTERN PROV GROUND	103,975	102,220	424	(1,331)	No explanation required.
Tennessee	FUDS	SPENCER ARTILLERY RANGE	48,776	25,275	13	(23,488)	No explanation required.
District of Columbia	FUDS	SPRING VALLEY	12,061	17,833	33,256	39,028	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Vermont	FUDS	ST ALBANS AFS Z-14	613	612	51	50	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
South Carolina	FUDS	STARK GENERAL HOSP	570	479	36	(55)	No explanation required.
New York	FUDS	STE OBS LIGHT ANX	111	0	11	(100)	No explanation required.
New York	FUDS	STE OUTER MARK AX	145	0	11	(134)	No explanation required.
California	FUDS	STOCKTON MILITARY AIRFIELD	5	0	2	(3)	No explanation required.
California	FUDS	STOCKTON ORDNANCE DEPOT	51	3	44	(4)	No explanation required.
Alaska	FUDS	SUSITNA GUNNERY RNG	53,022	83,703	164	30,845	New Site.
New York	FUDS	SYRACUSE AAF	0	0	2	2	No explanation required.
Alaska	FUDS	TANAGA ISL	55,561	80,574	94	25,107	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Northern Mariana Islands	FUDS	TANAPAG FUEL FARM	10,730	10,747	230	247	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	FUDS	TISBURY GREAT POND	4,817	4,276	300	(241)	No explanation required.
Pennsylvania	FUDS	TOBYHANNA ARTILLERY RANGE	28,635	23,393	11,214	5,972	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	TRAVIS AFB NIKE BATTERY 10	1,303	1,613	436	746	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	FUDS	TRAVIS AFB NIKE BATTERY 33	50	11	33	(6)	No explanation required.
Georgia	FUDS	TRAVIS FIELD	661	655	21	15	No explanation required.
California	FUDS	TRINIDAD BOMBING TARGET	1,019	980	91	52	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Maryland	FUDS	TRIUMPH EXPLOSIVES, INC.	57	57	1	1	No explanation required.
California	FUDS	TURLOCK BOMB LOADING PLANT	1,470	1,455	145	130	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	FUDS	TURLOCK REHABILITATION CENTER	217	25	180	(12)	No explanation required.
Georgia	FUDS	TURNER AIR FORCE BASE	23,206	15,930	897	(6,379)	No explanation required.
California	FUDS	TWO ROCK RANCH STATION	133	109	5	(19)	No explanation required.
Missouri	FUDS	TYSON VALLEY POWDER FARM	19,138	15,797	753	(2,588)	No explanation required.
California	FUDS	U.S. ARMY RESERVE CENTER	190	31	151	(8)	No explanation required.
California	FUDS	UCSD (CAMP MATTHEWS)	17,860	15,290	40	(2,530)	No explanation required.
Alaska	FUDS	UMIAT AFS	201,340	200,545	4,072	3,277	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	UNALAKLEET AFSTA	9,012	8,432	1,606	1,026	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Nevada	FUDS	UNIONVILLE GAP FILLER ANNEX	20	0	8	(12)	No explanation required.
California	FUDS	UNIV OF CAL, SANTA BARBARA	52	263	46	257	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	UPPER LAKE DISTRICT NAVY CAMP	131	0	10	(121)	No explanation required.
West Virginia	FUDS	US EXPLOSIVES PLANT C	179	135	2	(42)	No explanation required.
Florida	FUDS	USAF AVON PARK RANGE	129,520	20,481	59	(108,980)	No explanation required.
Virginia	FUDS	USCG RESERVE TRAINING CENTER	406	307	71	(28)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Utah	FUDS	UTAH ORDNANCE PLANT	5	10	4	9	No explanation required.
American Samoa	FUDS	VAIPITO VILLAGE	673	662	49	38	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Mississippi	FUDS	VAN DORN-ARMY TRNG CAMP	68,662	62,369	2,326	(3,967)	No explanation required.
California	FUDS	VERNALIS DIVE BOMB NO. 7	18,996	18,796	4	(196)	No explanation required.
Florida	FUDS	VERO BEACH NAVAL AIR STATION	324	301	43	20	No explanation required.
Illinois	FUDS	VICTORY ORDNANCE PLANT, DECATUR	133	0	59	(74)	No explanation required.
Virginia	FUDS	VIRGINIA ORDNANCE WORKS	30	28	12	10	No explanation required.
California	FUDS	VISALIA ARMY AIRFIELD	128	87	253	212	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Hawaii	FUDS	WAIKANE TRAINING AREA	30,221	30,712	208	699	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Hawaii	FUDS	WAIKOLOA MANEUVER AREA	838,226	807,550	17,332	(13,344)	No explanation required.
New Mexico	FUDS	WALKER AFB	31,533	8,201	61	(23,271)	No explanation required.
Virginia	FUDS	WALLOPS FLIGHT FACILITY	29,429	28,202	430	(797)	No explanation required.
Massachusetts	FUDS	WATERTOWN ARSENAL	489	3,469	17	2,997	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Iowa	FUDS	WAVERLY AFS (Z-81)	14	106	14	106	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	FUDS	WEBB AIR FORCE BASE	8,111	3,693	72	(4,346)	No explanation required.
Missouri	FUDS	WEINGARTEN POW CAMP	2,487	1,873	50	(564)	No explanation required.
Utah	FUDS	WENDOVER AIR FORCE AUXILIARY FIELD	2,675	2,655	37	17	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Utah	FUDS	WENDOVER SPECIAL WEAPONS BOMBING RANGE	58	79	40	61	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
West Virginia	FUDS	WEST VIRGINIA ORD WORKS	63,069	84,096	1,995	23,022	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Massachusetts	FUDS	WESTOVER AFB	2,520	2,058	54	(408)	No explanation required.
Missouri	FUDS	WHITEMAN COMMUNICATIONS TRANSMITTER SITE	1,534	2,111	179	756	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	WILDWOOD AFS	3,772	3,621	70	(81)	No explanation required.
Ohio	FUDS	WILKINS AIR FORCE STATION	1,769	1,162	82	(525)	No explanation required.
Arizona	FUDS	WILLI FD BOMB TAR RGE #12	1,773	689	15	(1,069)	No explanation required.
Arizona	FUDS	WILLI FD BOMB TAR RGE #4	1,638	689	49	(900)	No explanation required.
Arizona	FUDS	WILLIAMS FIED BOMB TAR RGE #10	1,639	689	18	(932)	No explanation required.
Arizona	FUDS	WILLIAMS FIED BOMB TAR RGE #9	1,600	689	42	(869)	No explanation required.
Arizona	FUDS	WILLIAMS FIELD BOMB TAR RGE #6	496	771	3	278	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	FUDS	WILLOW RUN AIRPORT	1,691	423	15	(1,253)	No explanation required.
California	FUDS	WILSHIRE OIL CO.	8	0	9	1	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding in FY 2014

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Florida	FUDS	WITHLACOOCHEE CWS SITE	6,404	6,274	215	85	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
West Virginia	FUDS	WV MANEUVER AREA/DOLLY SODS	158,204	77,317	175	(80,712)	No explanation required.
Alaska	FUDS	YAKUTAT AFB	42,628	41,854	348	(426)	No explanation required.
California	FUDS	YERBA BUENA ISLAND	62	52	23	13	No explanation required.
Pennsylvania	FUDS	YORK NAVAL ORDNANCE PLANT	367	406	116	155	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Ohio	FUDS	YOUNGSTOWN MUNIC AIRPORT	2,455	2,367	45	(43)	No explanation required.

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Appendix B

Causes of Increases in Cleanup Estimates

Appendix to Section VI, *FY 2014 Environmental Restoration Funding and Reasons for Increases in Cost Estimates Since FY 2013*.

This Appendix explains an increase of 10 percent or more in an installation's or property's projected cost estimate over the prior year estimate.

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Indiana	Army	1LT CHARLES L. WAPLES USARC	235	231	65	61	26%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Army	AFRC ALBANY	0	101	163	264	N/A	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Army	AKIAK FEDERAL SCOUT ARMORY	1,382	722	923	263	19%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	ALABAMA AAP	10,380	9,863	3,306	2,789	27%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virginia	Army	ARMY RESEARCH LABORATORY-WOODBRIDGE	855	1,218	22	385	45%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Wisconsin	Army	BADGER ARMY AMMUNITION PLANT	43,805	50,231	2,107	8,533	19%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kentucky	Army	BLUE GRASS ARMY DEPOT-LEXINGTON FACILITY	299	330	180	211	70%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	Army	CAMERON STATION	474	1,120	45	691	146%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Army	CAMP BARKELEY	60	143	6	89	148%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Washington	Army	CAMP BONNEVILLE	23,018	17,788	16,967	11,737	51%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	Army	CAMP KILMER	1,545	2,428	924	1,807	117%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Army	CAMP NAVAJO	2,723	3,878	120	1,275	47%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	Army	CHARLES MELVIN PRICE SUPPORT CENTER	2,090	2,497	126	533	26%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Tennessee	Army	DEFENSE DEPOT MEMPHIS TENNESSEE	3,255	9,722	3,396	9,863	303%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Utah	Army	DEFENSE DIST DEPOT OGDEN UTAH	7,949	8,689	2,113	2,853	36%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Army	DEVENS RESERVE TRAINING FACILITY	35,908	43,890	1,869	9,851	27%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Utah	Army	DUGWAY PROVING GROUND	59,196	83,129	453	24,386	41%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Army	FIRESTONE CSMS	7,911	47,327	2	39,418	498%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Georgia	Army	FORT BENNING	8,507	20,214	2,949	14,656	172%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	Army	FORT BRAGG	10,123	10,555	1,376	1,808	18%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Puerto Rico	Army	FORT BUCHANAN	2,450	3,249	1,469	2,268	93%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kentucky	Army	FORT CAMPBELL	6,145	7,008	689	1,552	25%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New York	Army	FORT DRUM	16,002	6,843	12,580	3,421	21%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	Army	FORT GREELY	4,724	5,229	829	1,334	28%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
New York	Army	FORT HAMILTON	202	211	26	35	18%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
South Carolina	Army	FORT JACKSON	8,649	13,551	767	5,669	66%	Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Missouri	Army	FORT LEONARD WOOD	2,549	10,346	5,062	12,859	504%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	Army	FORT MONMOUTH	39,144	58,852	20,719	40,427	103%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Army	FORT ORD	259,866	271,665	89,314	101,113	39%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 5) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Louisiana	Army	FORT POLK	11,084	9,756	3,654	2,326	21%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	Army	FORT RILEY	8,319	19,472	2,426	13,579	163%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Army	FORT SHAFTER	1,218	1,315	160	257	21%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Illinois	Army	FORT SHERIDAN	10,719	11,847	356	1,484	14%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New Mexico	Army	FORT WINGATE DEPOT ACTIVITY	157,398	148,866	43,136	34,604	22%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Georgia	Army	HUNTER ARMY AIRFIELD	882	1,756	641	1,515	172%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Indiana	Army	JEFFERSON PROVING GROUND	3,589	3,465	1,023	899	25%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Army	JFHQ CA ARNG	2,375	3,381	33	1,039	44%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Colorado	Army	JFHQ CO ARNG	1,006	1,344	12	350	35%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Montana	Army	JFHQ MT ARNG	63,016	91,015	165	28,164	45%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Army	JOINT BASE LEWIS-MCCHORD	26,356	26,256	3,263	3,163	12%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	Army	JOLIET AAP	20,270	22,417	13,214	15,361	76%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	Army	LETTERKENNY ARMY DEPOT	26,478	28,668	1,538	3,728	14%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Army	LONE STAR ARMY AMMUNITION PLANT	5,000	4,049	1,470	519	10%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Army	MILITARY OCEAN TERMINAL CONCORD	40,115	49,106	1,484	10,475	26%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Mississippi	Army	MISSISSIPPI ARMY AMMUNITION PLANT	1,950	2,168	1,029	1,247	64%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	MOBILE OMS 28 & 29	873	3,370	89	2,586	296%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Army	MTA CAMP EDWARDS	5,586	11,960	586	6,960	125%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Utah	Army	MTA-L CAMP WILLIAMS WEST FED	234	938	5,165	5,869	2507%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Army	NG KWETHLUK ARMORY	1,030	722	511	203	20%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	Army	PAPAGO MILITARY RESERVATION	165	218	21	74	45%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Army	PARKS RESERVE FORCES TRAINING AREA	65	3,472	110	3,517	5398%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Jersey	Army	PICATINNY ARSENAL	20,540	26,501	979	6,940	34%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Arkansas	Army	PINE BLUFF ARSENAL	20,209	23,173	797	3,761	19%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Army	PUEBLO CHEMICAL DEPOT	87,813	101,353	639	14,179	16%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Army	RAVENNA ARMY AMMUNITION PLANT	25,385	45,863	2,429	22,907	90%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	Army	REDSTONE ARSENAL	177,143	462,800	12,831	298,488	169%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	Army	RIVERBANK ARMY AMMUNITION PLANT	5,727	5,649	2,567	2,489	43%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Army	SACRAMENTO ARMY DEPOT	1,997	1,987	218	208	10%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Illinois	Army	SAVANNA DEPOT ACTIVITY	93,107	88,245	19,197	14,335	15%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Army	SCHOFIELD BARRACKS	23,527	30,668	1,006	8,147	35%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Army	SENECA ARMY DEPOT ACTIVITY	8,428	8,266	2,005	1,843	22%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	Army	SOLDIER SYSTEMS CENTER	10,583	13,828	1,395	4,640	44%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Connecticut	Army	STRATFORD ARMY ENGINE PLANT	31,297	35,192	92	3,987	13%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
North Carolina	Army	TARHEEL ARMY MISSILE PLANT	0	164	85	249	N/A	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Pennsylvania	Army	TOBYHANNA ARMY DEPOT	5,259	5,335	448	524	10%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Utah	Army	TOOELE ARMY DEPOT	36,859	39,714	4,688	7,543	20%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Minnesota	Army	TWIN CITIES ARMY AMMUNITION PLANT	112,481	150,152	1,020	38,691	34%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Army	USARC KINGS MILLS (AMSA 59)	308	412	116	220	71%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Jersey	Army	USARC LODI	0	84	118	202	N/A	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Virginia	Army	VINT HILL FARMS STATION	1,011	1,074	143	206	20%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
New York	Army	WEST POINT MIL RESERVATION	34,227	50,213	1,695	17,681	52%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Arizona	Army	YUMA PROVING GROUND	27,873	27,803	3,855	3,785	14%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Navy	ADAK NAS	95,299	92,071	15,826	12,598	13%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Maryland	Navy	ANNAPOLIS NSWC DET BAY HEAD ANNEX	262	265	38	41	16%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	Navy	BEDFORD NWIRP	18,658	20,496	666	2,504	13%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	BRIDGEPORT MCMWTC	14,983	16,935	218	2,170	14%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
North Carolina	Navy	CAMP LEJEUNE MCB	117,677	125,558	8,068	15,949	14%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) New Site. 4) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
South Carolina	Navy	CHARLESTON FISC	209	591	22	404	194%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Navy	CONCORD NWS	54,659	62,482	3,496	11,319	21%	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Texas	Navy	CORPUS CHRISTI NAS	9,047	14,770	1,101	6,824	75%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Virginia	Navy	CRANEY ISLAND FISC	2,901	5,828	400	3,327	115%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	CROWS LANDING NALF	5,946	4,075	2,727	856	14%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	Navy	DAHLGREN NSWC	8,729	17,092	1,414	9,777	112%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Texas	Navy	DALLAS NAS	3,432	15,180	166	11,914	347%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Rhode Island	Navy	DAVISVILLE NCBC	20,197	26,574	907	7,284	36%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Virginia	Navy	DRIVER NAVRADSTA	144	331	24	211	147%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	Navy	EL TORO MCAS	45,048	53,340	1,413	9,705	22%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	FALLBROOK NOC PAC DIV DET	16,812	30,344	2,139	15,671	93%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Minnesota	Navy	FRIDLEY NIROP	21,982	27,881	748	6,647	30%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Texas	Navy	FT WORTH TX NAS JRB	1,501	5,371	1,216	5,086	339%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Navy	IMPERIAL BEACH OLF	6,378	8,346	615	2,583	41%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Navy	JACKSONVILLE NAS	26,748	27,177	4,032	4,461	17%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	LONG BEACH NS	451	2,148	4	1,701	377%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
California	Navy	LONG BEACH NS SAN PEDRO	7,915	10,748	1,009	3,842	49%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	LONG BEACH NSY	626	531	185	90	14%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Navy	MARE ISLAND NSY	56,096	70,405	1,749	16,058	29%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Navy	MAYPORT NS	5,185	10,580	383	5,778	111%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Pennsylvania	Navy	MECHANICSBURG SPCC	2,476	3,060	238	822	33%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Midway Islands	Navy	MIDWAY NAF	3,872	3,991	448	567	15%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	Navy	NAVFAC HAWAII P HARBOR	43,979	41,994	10,150	8,165	19%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Connecticut	Navy	NEW LONDON NSB	9,924	11,663	5,099	6,838	69%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Rhode Island	Navy	NEWPORT NETC	62,322	75,118	8,404	21,200	34%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 4) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Virginia	Navy	NORFOLK COMNAVBASE	28,399	30,619	1,701	3,921	14%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	NORTH ISLAND NAS	51,576	48,276	9,878	6,578	13%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	NOVATO DOD HOUSING FACILITY	862	1,175	191	504	58%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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South Carolina	Navy	PARRIS ISLAND MCRD	15,183	15,236	2,813	2,866	19%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Hawaii	Navy	PEARL HARBOR FISC	7,403	9,486	580	2,663	36%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Hawaii	Navy	PEARL HARBOR NSY	8,313	9,152	1,191	2,030	24%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	Navy	PHILADELPHIA NS	1,233	1,840	73	680	55%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Navy	POINT BARROW NARL	18,188	30,401	9,618	21,831	120%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Puerto Rico	Navy	PUERTO RICO NAVACT	35,635	39,189	13,476	17,030	48%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Washington	Navy	PUGET SOUND NS	23,561	32,192	2,550	11,181	47%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	Navy	SAN DIEGO NISE WEST	842	1,123	1,974	2,255	268%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Navy	SAUFLEY FIELD NAS	5,894	5,576	1,214	896	15%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Navy	TREASURE ISLAND NS	20,517	35,990	10,453	25,926	126%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	TUSTIN MCAS	13,225	16,346	1,017	4,138	31%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Puerto Rico	Navy	VIEQUES PUERTO RICO NASD	6,112	4,363	2,735	986	16%	Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Pennsylvania	Navy	WARMINSTER NAWC	15,749	41,638	3,747	29,636	188%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Florida	Navy	WHITING FIELD NAS	18,568	24,937	210	6,579	35%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Virginia	Navy	WILLIAMSBURG FISC CHEATHAM ANNEX	13,717	15,335	2,461	4,079	30%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	Navy	WILLOW GROVE NAS	10,492	64,071	469	54,048	515%	Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
Virginia	Navy	YORKTOWN FISC FUELS DIVISION	24,007	26,861	888	3,742	16%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	Navy	YORKTOWN NWS	39,975	41,673	2,952	4,650	12%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Air Force	AF PLANT NO 42 - B	5,664	5,552	828	716	13%	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Texas	Air Force	AIR FORCE PLANT 4	11,662	13,012	329	1,679	14%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Air Force	AIR FORCE PLANT 59	2,249	3,002	37	790	35%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Air Force	AIR FORCE PLANT PJKS	9,310	10,674	233	1,597	17%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Michigan	Air Force	ALPENA COUNTY REGIONAL AIRPORT	666	332	866	532	80%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Oklahoma	Air Force	ALTUS AIR FORCE BASE	12,115	33,405	2,130	23,420	193%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Tennessee	Air Force	ARNOLD	93,378	99,972	3,647	10,241	11%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
New Jersey	Air Force	ATLANTIC CITY MUN	5,882	12,347	273	6,738	115%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	Air Force	AVON PARK AIR FORCE RANGE	10,326	11,718	1,541	2,933	28%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
South Dakota	Air Force	BADLANDS BOMBING RANGE	3,908	4,402	82	576	15%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Air Force	BARNES MUNICIPAL AIRPORT	231	343	524	636	275%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Air Force	BARTER ISLAND	9,089	10,518	59	1,488	16%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Air Force	BETHEL RANGE	4,777	5,630	76	929	19%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	BIG MOUNTAIN RADIO RELAY STATION	13,102	14,997	327	2,222	17%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Colorado	Air Force	BUCKLEY AFB	17,781	21,433	67	3,719	21%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Colorado	Air Force	BUCKLEY ANNEX	0	1,038	565	1,603	N/A	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Alaska	Air Force	CAMPION AIR FORCE STATION	9,765	14,296	980	5,511	56%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Air Force	CAPE CANAVERAL AIR FORCE STATION	61,613	78,059	6,527	22,973	37%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alaska	Air Force	CAPE LISBURNE LONG RANGE RADAR SITE	3,705	6,898	453	3,646	98%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	CASTLE AFB	25,399	61,316	899	36,816	145%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	Air Force	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT	3,197	3,675	1,760	2,238	70%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Wyoming	Air Force	CHEYENNE MUNICIPAL AIRPORT	8,707	10,148	13	1,454	17%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	CLEAR AIR FORCE STATION	8,488	17,043	370	8,925	105%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Oregon	Air Force	COOS HEAD AIR NATIONAL GUARD STATION	815	1,771	82	1,038	127%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	COSTA MESA AIR GUARD STATION	798	476	570	248	31%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nevada	Air Force	CREECH AIR FORCE BASE	312	430	21	139	45%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Air Force	DAVIS-MONTHAN AIR FORCE BASE	2,757	3,912	1,099	2,254	82%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Delaware	Air Force	DOVER AIR FORCE BASE	25,983	35,685	3,106	12,808	49%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Minnesota	Air Force	DULUTH INTERNATIONAL AIRPORT	3,627	2,452	1,733	558	15%	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	DUNCAN CANAL RADIO RELAY STATION (RRS)	672	879	780	987	147%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
South Dakota	Air Force	ELLSWORTH AIR FORCE BASE	16,578	19,712	197	3,331	20%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Louisiana	Air Force	ENGLAND AFB	16,752	16,815	1,609	1,672	10%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	Air Force	FAIRCHILD AIR FORCE BASE	39,642	40,599	6,484	7,441	19%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

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Wyoming	Air Force	FRANCIS E WARREN AIR FORCE BASE	13,851	14,999	1,389	2,537	18%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Air Force	FRANCIS S. GABRESKI (WEST HAMPTON)	2,244	2,818	62	636	28%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	GALENA FOL	148,682	173,776	28,295	53,389	36%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Wisconsin	Air Force	GEN B MITCHELL	1,909	5,905	341	4,337	227%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Air Force	GOODFELLOW	3,602	4,117	126	641	18%	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Dakota	Air Force	GRAND FORKS AIR FORCE BASE	2,054	2,348	85	379	18%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Illinois	Air Force	GREATER PEORIA AIRPORT	1,063	11,352	472	10,761	1013%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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North Dakota	Air Force	HECTOR IAP	6,591	11,260	618	5,287	80%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New Mexico	Air Force	HOLLOMAN	14,535	40,949	7,452	33,866	233%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Indiana	Air Force	HULMAN REGIONAL AIRPORT	0	750	144	894	N/A	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.
South Carolina	Air Force	JB-CHARLESTON-WEAPONS	56,368	67,565	475	11,672	21%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	JBER-ELMENDORF	98,364	115,555	613	17,804	18%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 4) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Alaska	Air Force	JBER-RICHARDSON	33,390	36,305	2,725	5,640	17%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Air Force	JBLE-EUSTIS	16,838	15,738	3,241	2,141	13%	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Virginia	Air Force	JBLE-LANGLEY	8,257	12,746	933	5,422	66%	1) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New Jersey	Air Force	JBMDL-DIX	62,396	67,298	4,797	9,699	16%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
New Jersey	Air Force	JBMDL-MCGUIRE	203,478	231,832	16,318	44,672	22%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Texas	Air Force	JBSA-CAMP BULLIS	2,499	4,791	128	2,420	97%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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Missouri	Air Force	JEFFERSON BARRACKS AIR GUARD STATION	0	500	75	575	N/A	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.
Mississippi	Air Force	JOHN C. STENNIS SPACE CENTER	267	314	7	54	20%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Johnston Atoll	Air Force	JOHNSTON ATOLL	1,731	9,762	984	9,015	521%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	Air Force	K.I. SAWYER AFB	24,154	32,198	1,334	9,378	39%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	KOTZEBUE LONG RANGE RADAR SITE	4,695	5,260	44	609	13%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	LAKE LOUISE	2,527	4,211	431	2,115	84%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arkansas	Air Force	LITTLE ROCK AIR FORCE BASE	12,134	13,671	261	1,798	15%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Maine	Air Force	LORING AFB	51,266	55,015	3,176	6,925	14%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Colorado	Air Force	LOWRY AFB	613	591	229	207	34%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Puerto Rico	Air Force	LUIS MUNOZ MARIN	1,243	1,234	906	897	72%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	Air Force	MACDILL	32,154	34,032	4,320	6,198	19%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Montana	Air Force	MALMSTROM AIR FORCE BASE	1,985	7,444	60	5,519	278%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	Air Force	MARCH	53,749	59,753	1,204	7,208	13%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).
Alabama	Air Force	MAXWELL	41,440	46,347	4,400	9,307	22%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
South Carolina	Air Force	MCENTIRE AIR GUARD BASE	5,411	9,174	333	4,096	76%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Georgia	Air Force	MOODY AIR FORCE BASE	9,076	10,819	1,053	2,796	31%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Idaho	Air Force	MOUNTAIN HOME AIR FORCE BASE	1,505	1,592	310	397	26%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	NAKNEK RECREATIONAL CAMP I	3,540	4,184	2	646	18%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Alaska	Air Force	NAKNEK RECREATIONAL CAMP II	5,398	6,363	36	1,001	19%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Delaware	Air Force	NEW CASTLE COUNTY	7,676	7,233	2,360	1,917	25%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	NORTH RIVER RADIO RELAY STATION	434	315	2,746	2,627	606%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	OLIKTOK RADIO RELAY STATION	6,368	14,408	36	8,076	127%	New Site.
Florida	Air Force	PATRICK AIR FORCE BASE	19,515	21,801	1,937	4,223	22%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Hampshire	Air Force	PEASE AFB	15,188	14,857	8,551	8,220	54%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Colorado	Air Force	PETERSON AIR FORCE BASE	1,179	4,140	412	3,373	286%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Alaska	Air Force	POINT BARROW LONG RANGE RADAR	5,744	5,712	1,320	1,288	22%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	PORT HEIDEN RADIO RELAY STATION	21,547	13,047	14,238	5,738	27%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Puerto Rico	Air Force	PUNTA BORINQUEN RADAR SITE	200	83	344	227	114%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Texas	Air Force	REESE AFB	12,636	13,174	1,085	1,623	13%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Air Force	RICHMOND IAP BYRD FIELD	904	1,180	31	307	34%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	Air Force	RICKENBACKER ANGB	4,162	4,666	989	1,493	36%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Georgia	Air Force	ROBINS	53,009	58,758	827	6,576	12%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Missouri	Air Force	ROSECRANS MEM	297	250	397	350	118%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	Air Force	ROSLYN ANGB	387	3,532	183	3,328	860%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Georgia	Air Force	SAVANNAH INTERNATIONAL AIRPORT	1,426	4,870	16	3,460	243%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	Air Force	SEYMOUR JOHNSON AIR FORCE BASE	3,952	5,007	1,407	2,462	62%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
South Carolina	Air Force	SHAW AIR FORCE BASE	63,863	76,194	946	13,277	21%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 3) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	Air Force	SHEPPARD	1,859	2,187	66	394	21%	1) New Site. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	Air Force	SPARREVOHN AIR FORCE STATION	1,195	1,427	29	261	22%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Ohio	Air Force	SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT	1,294	1,568	157	431	33%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
New York	Air Force	STEWART INTERNATIONAL AIRPORT	3,059	4,646	278	1,865	61%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	Air Force	TRAVIS AIR FORCE BASE	177,885	177,393	26,453	25,961	15%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Arizona	Air Force	TUCSON INTERNATIONAL AIRPORT	7,883	6,776	1,928	821	10%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Air Force	TULELAKE OTHB RADAR SITE	0	7,518	1,057	8,575	N/A	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Oklahoma	Air Force	VANCE	6,544	7,626	98	1,180	18%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Air Force	VANDENBERG	312,595	309,202	38,278	34,885	11%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Wisconsin	Air Force	VOLK FIELD AIR GUARD BASE	2,319	3,170	2,078	2,929	126%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	Air Force	WEST NOME TANK FARM	562	653	61	152	27%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Missouri	Air Force	WHITEMAN AIR FORCE BASE	1,388	1,572	55	239	17%	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Oklahoma	Air Force	WILL ROGERS WORLD	798	82	1,032	316	40%	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Pennsylvania	Air Force	WILLOW GROVE ANG	0	3,536	243	3,779	N/A	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) New Site.
Michigan	Air Force	WURTSMITH AFB	74,113	83,155	3,582	12,624	17%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	DLA	DLA ENERGY	2,509	3,958	276	1,725	69%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).

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Virginia	DLA	DSC RICHMOND	22,513	37,801	2,498	17,786	79%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	AF PLANT NO 13	0	21	4	25	N/A	Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement).
Alaska	FUDS	ANIAC ARPT	37	31	94	88	241%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	ANNETTE ISL LAND FLD	4,106	9,212	27	5,133	125%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	FUDS	ATKA AF AUX FLD	9,166	69,906	4,123	64,863	708%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	BARWELL ISLAND	190	73	159	42	22%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BEALE AFB TITAN 1-A	37	82	5	50	137%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BENICIA ARSENAL	774	890	9	125	16%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
New Jersey	FUDS	BETHLEHEM LOADING	52	51	54	53	102%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	BLACK POINT COMMUNICATIONS FACILITY ANNEX	18	51	7	40	217%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Nebraska	FUDS	BLAINE NAVAL AMMUNITION DEPOT	98,405	215,541	3,164	120,300	122%	New Site.
Texas	FUDS	BLUEBONNET ORD PLANT	1,571	5,230	118	3,777	240%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Idaho	FUDS	BOISE ARMY BARRACKS	375	12,973	5	12,603	3364%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	CAMP ELLIOT	46,662	54,303	1,385	9,026	19%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Illinois	FUDS	CAMP GRANT RIFLE RANGE	982	1,504	54	576	59%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Texas	FUDS	CAMP HOWZE (FELDERHOFF)	61,237	86,775	271	25,809	42%	New Site.
Arkansas	FUDS	CAMP ROBINSON/CAMP PIKE	37,767	97,525	3,674	63,432	168%	New Site.
Ohio	FUDS	CAMP SHERMAN ARTILLERY RANGE	0	8,548	68	8,616	N/A	New Site.
Virginia	FUDS	CAMP WALLACE	965	5,219	50	4,304	446%	New Site.
Georgia	FUDS	CAMP WHEELER	21,464	22,819	1,956	3,311	15%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	FUDS	CLEVELAND PLANT	20	39	32	51	249%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	FUDS	CORRY ST USN TECH TRAINING	896	743	257	104	12%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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North Carolina	FUDS	CP BUTNER TRNG CMP	12,927	17,850	90	5,013	39%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alabama	FUDS	CP SIBERT	31,248	36,937	931	6,620	21%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Massachusetts	FUDS	CP WELLFLEET	2,274	2,480	19	225	10%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Texas	FUDS	CUDDIHY FIELD	72	1,063	219	1,210	1674%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Alaska	FUDS	DAVIDSON-S LANDING	37	36	44	43	118%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	DELAND NAVAL TRAINING CENTER	143	662	126	645	453%	New Site.
New Mexico	FUDS	DEMING AAF PBR #24	3,525	2,307	2,401	1,183	34%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	D-Q UNIVERSITY	256	196	111	51	20%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
North Carolina	FUDS	DUCK TARGET FACILITY	360	636	98	374	104%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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New York	FUDS	ENGINEER SCH	1,772	2,820	206	1,254	71%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Wyoming	FUDS	FE WARREN AFB FAC SITE 4	9,777	13,740	618	4,581	47%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Missouri	FUDS	FEDERAL CENTER COMPLEX	14,278	18,149	535	4,406	31%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	FLOYD BENNETT FLD	6,914	6,035	3,499	2,620	38%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	FORBES AFB ATLAS S-05	5,620	5,605	675	660	12%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Missouri	FUDS	FOREST PARK RECREATION CAMP	837	1,142	8	313	37%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	FUDS	FORT BARRY	1,307	1,498	227	418	32%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	FORT GLENN	271,823	427,268	225	155,670	57%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
New Jersey	FUDS	FORT HANCOCK	17,905	22,978	596	5,669	32%	New Site.

Appendix B: Causes of Increases in Cleanup Estimates

State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
California	FUDS	FORT MASON	64	76	118	130	202%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alaska	FUDS	FORT PIERCE	1,486	1,793	70	377	25%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Massachusetts	FUDS	FORT RODMAN	947	8,322	735	8,110	857%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	FORT ROUSSEAU, SITKA	5,497	9,532	68	4,103	75%	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Florida	FUDS	FT PIERCE NAVAL AMPH BASE	13,899	20,872	690	7,663	55%	1) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	GOFFS CAMPSITE	2,368	3,262	80	974	41%	New Site.
Minnesota	FUDS	GOPHER ORD PLT ROSEMOUNT	0	33	7	40	N/A	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Michigan	FUDS	GROSSE ILE NAS - NIKE D-51	3,277	3,799	161	683	21%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Hawaii	FUDS	GUNNERY SITE	382	3,191	31	2,840	744%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Hawaii	FUDS	HAIKU RADIO STATION	1,523	2,221	124	822	54%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
California	FUDS	HAMMER FIELD	70	235	25	190	270%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	FUDS	HENDRICKS AAF	588	578	83	73	12%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kansas	FUDS	HUTCHINSON NAS	280	300	80	100	36%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Illinois	FUDS	IL ORDNANCE PLANT (CRAB ORCHARD)	3,481	3,463	397	379	11%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Missouri	FUDS	JEFFERSON BARRACKS	350	890	36	576	164%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Florida	FUDS	JUNGLE WARFARE TEST TARGET	0	5,206	24	5,230	N/A	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Missouri	FUDS	KIRKSVILLE AFS P-64	7,227	7,280	745	798	11%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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New Mexico	FUDS	KIRTLAND AFB DEM BOMB RGE	3,643	2,062	1,930	349	10%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). New Site.
New Mexico	FUDS	KIRTLAND AFB PBR N1 N3	5,760	11,460	257	5,957	103%	
California	FUDS	LAKE CHABOT MACHINE GUN RANGE	161	374	211	424	264%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). New Site.
Florida	FUDS	LAKE CITY NAAS	0	223	196	419	N/A	
Nebraska	FUDS	LINCOLN AFB AF FAC S-1	374	369	68	63	17%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). New Site.
Nebraska	FUDS	LINCOLN AFB AF FAC S-7	3,619	6,165	22	2,568	71%	
Nebraska	FUDS	LINCOLN AFB AF FAC S-8	964	3,337	65	2,438	253%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). New Site.
Nebraska	FUDS	LINCOLN AFB AF FAC S-9	3,738	4,974	99	1,335	36%	
Ohio	FUDS	LOCKBOURNE AIR FORCE BASE	34,460	34,213	4,211	3,964	12%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Maine	FUDS	LORING AFB COMMO AX #2	279	455	26	202	72%	

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Colorado	FUDS	LOWRY AFB S-2 (COMPLEX 2C)	1,527	2,044	34	551	36%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	FUDS	MANCHESTER ANNEX	4,569	6,505	1,332	3,268	72%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Pennsylvania	FUDS	MARIETTA AIR FORCE STATION	3,259	3,867	132	740	23%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Puerto Rico	FUDS	MAYAGUEZ MISSILE ANNEX	280	123	363	206	74%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	MOJAVE GUNNERY RANGE	35,380	65,774	130	30,524	86%	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	MOUNT OWEN RIFLE RANGE	1,542	3,347	2,785	4,590	298%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	MT.EDGE CUMBE/SITKA NOB	136	82	112	58	42%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	FUDS	NANSEMOND ORDNANCE DEPOT	18,281	60,022	4,260	46,001	252%	New Site.

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Oregon	FUDS	NAV AIR STA, TONGUE POINT	10,640	13,094	369	2,823	27%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	NAVAL AUXILIARY AIR STATION	1,945	7,238	233	5,526	284%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	FUDS	NIKE BA-03 (PHOENIX)	425	2,896	84	2,555	602%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	FUDS	NIKE BA-30/31 (TOLCHESTER)	175	315	62	202	115%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	NIKE BU 18	316	158	227	69	22%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Indiana	FUDS	NIKE C-32 - INDIANA DUNES	3,687	4,064	193	570	15%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	FUDS	NIKE C-70 - NAPERVILLE	187	317	18	148	79%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Illinois	FUDS	NIKE C-80/81 - ARLINGTON	0	13	36	49	N/A	New Site.
Maine	FUDS	NIKE LO-13	369	682	24	337	92%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).

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New Jersey	FUDS	NIKE PH 41/43	143	134	39	30	21%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	NIKE SITE BAY	1,023	1,222	37	236	23%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	FUDS	NIKE SL-10 - MARINE	2,632	2,743	327	438	17%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Maryland	FUDS	NIKE W-44 (WALDORF)	1,052	1,172	44	164	16%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	NIRF (UNDERSEA CENTER)	10	82	9	81	794%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	NOME AREA DEF REGION	9,707	14,495	128	4,916	51%	New Site.
New York	FUDS	NORTHEASTERN INDUSTRIAL PARK	2,422	3,074	189	841	35%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Alaska	FUDS	NORTHWAY STAGING FLD	1,404	1,996	301	893	64%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	OFFUTT AFB AF FAC S-2	375	364	85	74	20%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Iowa	FUDS	OFFUTT AFB AF FAC S-3	0	10,542	40	10,582	N/A	New Site.
Kansas	FUDS	OLATHE NAVAL AIR STATION	943	1,258	85	400	42%	New Site.
California	FUDS	ONTARIO ARMY AIRFIELD	32	113	19	100	318%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Hawaii	FUDS	OPANA POINT BOMBING RANGE	711	2,887	29	2,205	310%	1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	FUDS	OYSTER POINT STORAGE AREA	874	939	264	329	38%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Hawaii	FUDS	PALI TRAINING CAMP	27,952	34,809	212	7,069	25%	New Site.
Hawaii	FUDS	PAPOHAKU RANCLAND SUB	712	30,545	34	29,867	4197%	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Florida	FUDS	PASSAGE KEY AIR-TO-GROUND GUN	1,729	1,171	943	385	22%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	PEDRO DOME	31	30	51	50	165%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	PETALUMA BOMBING TARGET	41	92	11	62	153%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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Idaho	FUDS	POCATELLO BOMBING RANGE #3	2,933	4,840	944	2,851	97%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Michigan	FUDS	RACO AAF-HIAWATHA NF	0	1,523	120	1,643	N/A	New Site.
New Jersey	FUDS	RARITAN ARSN-TA ED PK	36,706	46,287	1,556	11,137	30%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Florida	FUDS	RICHMOND NAS	322	709	529	916	285%	New Site.
Puerto Rico	FUDS	SAN PATRICIO HOSPITAL	261	102	294	135	52%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Ohio	FUDS	SCIOTO ORDNANCE PLANT	152	1,723	407	1,978	1304%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Washington	FUDS	SEATTLE NAVAL SUPPLY DEPOT	1,193	4,044	63	2,914	244%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	SHO BEA FIRE CON STA	104	92	60	48	46%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Nebraska	FUDS	SIOUX ARMY DEPOT	44,630	51,855	515	7,740	17%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.

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District of Columbia	FUDS	SPRING VALLEY	12,061	17,833	33,256	39,028	324%	1) New Site. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Alaska	FUDS	SUSITNA GUNNERY RNG	53,022	83,703	164	30,845	58%	New Site.
Alaska	FUDS	TANAGA ISL	55,561	80,574	94	25,107	45%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Pennsylvania	FUDS	TOBYHANNA ARTILLERY RANGE	28,635	23,393	11,214	5,972	21%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	TRAVIS AFB NIKE BATTERY 10	1,303	1,613	436	746	57%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alaska	FUDS	UNALAKLEET AFSTA	9,012	8,432	1,606	1,026	11%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
California	FUDS	UNIV OF CAL, SANTA BARBARA	52	263	46	257	495%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California	FUDS	VISALIA ARMY AIRFIELD	128	87	253	212	165%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Massachusetts	FUDS	WATERTOWN ARSENAL	489	3,469	17	2,997	613%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Iowa	FUDS	WAVERLY AFS (Z-81)	14	106	14	106	742%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

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State	DoD Component	Installation Name	FY 2013 Cost Estimate Adjusted for Inflation (\$000)	FY 2014 Cost Estimate (\$000)	FY 2014 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Cost Estimate Change (Percentage)	Reason(s)
Utah	FUDS	WENDOVER SPECIAL WEAPONS BOMBING RANGE	58	79	40	61	105%	Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
West Virginia	FUDS	WEST VIRGINIA ORD WORKS	63,069	84,096	1,995	23,022	37%	1) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule. 2) Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 3) Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Missouri	FUDS	WHITEMAN COMMUNICATIONS TRANSMITTER SITE	1,534	2,111	179	756	49%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Arizona	FUDS	WILLIAMS FIELD BOMB TARGET #6	496	771	3	278	56%	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Pennsylvania	FUDS	YORK NAVAL ORDNANCE PLANT	367	406	116	155	42%	Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.