Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
				(4000)	(\$330)		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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
Maryland	Army	ABERDEEN PROVING GROUND	135,943	154,468	1,576	20,101	may also be caused by changes in schedule. Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
New York	Army	AFRC FORT WADSWORTH	150	158	18		prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Alabama	Army	ALABAMA AAP	8,995	9,246	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).
Alabama	Army	ANNISTON ARMY DEPOT	19,674	28,556	1,386		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 – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 3) New Site. 4) 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	Army	ARMY RESEARCH LABORATORY-WATERTOWN	2,698	792	1,891	(15)	No explanation required.
Virginia	Army	ARMY RESEARCH LABORATORY-WOODBRIDGE	855	882	4	(- /	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Florida	Army	AVIATION SUPPLY FACILITY, 49- A	26	0	10	(16)	No explanation required.
Wisconsin	Army	BADGER ARMY AMMUNITION PLANT	20,335	25,709	2,352		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Maryland	Army	BLOSSOM POINT RESEARCH FACILITY	2,354	593	147	(1,614)	No explanation required.
Kentucky	Army	BLUE GRASS ARMY DEPOT	2,788	2,824	12	48	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Kentucky	Army	BLUE GRASS ARMY DEPOT- LEXINGTON FACILITY	592	316	84	(192)	No explanation required.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	(-)
			imution (\$000)	(ψοσο)	(\$000)	(4000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Virginia	Army	CAMERON STATION	1,107	1,040	258	191	additional risk, additional sampling).
	1.	CAMP OPOMPED		4.40	_		Cost Estimate Change Unrelated to Change in Scope – Change in cost
Missouri	Army	CAMP CROWDER CAMP GRAYLING ARMY	217	442	5	230	estimating methodology or model.
Michigan	A rma /	AIRFIELD	1 210	14	67	(4.007)	No explanation required.
Michigan	Army	AIN ILLD	1,318	14	07	(1,237)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
New Jersey	Army	CAMP KILMER	4,381	5,248	84	951	additional risk, additional sampling).
North Carolina	Army	CAMP MACKALL	1,001	0,240	12		No explanation required.
	,,						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
Arizona	Army	CAMP NAVAJO	2,990	3,324	116		may also be caused by changes in schedule.
New Jersey	Army	CAMP PEDRICKTOWN	259	208	50		No explanation required.
Pennsylvania	Army	CARLISLE BARRACKS	0	0	12	12	No explanation required.
•		CHARLES MELVIN PRICE					
Illinois	Army	SUPPORT CENTER	4,543	4,319	106	(118)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		CLACKAMAS/CAMP					initiated by DoD), change in future property reuse, site reopened to address
Oregon	Army	WITHYCOMBE	1,190	5,475	15	4,300	additional risk, additional sampling).
							A) To devide the Change to a different or increased also seem to devide a large
							Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed.
		COLD REGIONS RESEARCH					technology was ineffective). 2) Cost Estimate Change Unrelated to Change in
		AND ENGINEERING					Scope – Actual contract cost for prior or ongoing work is greater than the prior
New Hampshire	Army	LABORATORY	39,973	54,776	4,807	19 610	estimate. This additional cost may also be caused by changes in schedule.
New Hampshile	Ailiy	LABORATORT	39,913	34,770	4,007	19,010	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
		CORNHUSKER ARMY					DoD), change in future property reuse, site reopened to address additional risk,
Nebraska	Army	AMMUNITION PLANT	27,655	40,899	805	14,049	additional sampling).
	,		2.,500	.0,000	530	,	1 <i>U</i> /

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
		DEFENSE DEPOT MEMPHIS		(4000)	(4000)	(4000)	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) 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
Tennessee	Army	TENNESSEE	8,550	10,215	1,427	3,092	schedule.
Utah	Army	DEFENSE DIST DEPOT OGDEN UTAH	10,275	11,029	204		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	Army	DEFENSE DIST DEPOT SAN JOAQUIN, SHARPE FACILITY	59,017	66,672	4,725	12,380	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). 4) 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	Army	DETROIT ARSENAL	777	3,179	284	2.686	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	DEVENS RESERVE TRAINING FACILITY	102,485	100.144	6,335		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) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) 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.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Utah	Army	DUGWAY PROVING GROUND	66,209	66,628	728	1,147	schedule.
Maryland	Army	FOREST GLEN	14,144	13,284	437	(423)	No explanation required.
							1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating
Virginia	Army	FORT A P HILL	39	1,050	12	1 023	methodology or model.
viigiilia	, unity	1 011711 11122	00	1,000	12	1,020	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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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
Virginia	Army	FORT BELVOIR	29,315	31,745	2,359		changes in schedule.
Georgia	Army	FORT BENNING	28,617	10,808	747	(17,062)	No explanation required.
							1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost
T		FORT BLISS	00.000	04.440	004	4.004	Estimate Change Unrelated to Change in Scope – Change in cost estimating
Texas	Army	FORT BLISS	30,006	34,413	224	4,631	methodology or model. 1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) New
							Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost
							estimating methodology or model. 4) 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
North Carolina	Army	FORT BRAGG	5,774	5,561	485		schedule.
Puerto Rico	Army	FORT BUCHANAN	12,796	10,414	225	(2,157)	No explanation required. Cost Estimate Change Unrelated to Change in Scope – Change in contract or
Kentucky	Army	FORT CAMPBELL	5.084	5.645	198	750	cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
пониску	ганну	I OTT OAWII BEEL	3,004	3,043	190	139	oona dot modiou.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Colorado	Army	FORT CARSON	19,493	29,237	2,160	11 904	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 5) 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.
Arkansas	Army	FORT CHAFFEE	1,176	1,477	108		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	FORT CHAFFEE MANEUVER TRAINING CTR	462	695	67	300	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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 DETRICK	7,456	14,527	1,359	8,430	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) 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	10,046	14,138	3,422	7,514	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) 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	Army	FORT GEORGE G MEADE	28,415	34,903	1,320		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) 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	Army	FORT GILLEM	1,988	1,657	293		No explanation required.

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
							Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
							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). 3) Cost Estimate Change Unrelated to Change in Scope –
Georgia	Army	FORT GORDON	5,646	17,647	514	12,515	Change in cost estimating methodology or model.
Alaska	Army	FORT GREELY	13,888	7,664	414	(5,810)	No explanation required.
							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
New York	Army	FORT HAMILTON	921	3,205	81	2,365	may also be caused by changes in schedule.
Texas	Army	FORT HOOD	0	0	12		No explanation required.
							1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Cost
							Estimate Change Unrelated to Change in Scope – Change in contract or
Arizona	Army	FORT HUACHUCA	2,116	2,461	8,747		contract method.
							1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate. This
California	Army	FORT HUNTER LIGGETT	1.452	1.530	1,295		additional cost may also be caused by changes in schedule.
				,		•	1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost
							estimating methodology or model. 4) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
O a sattle O a sea libra a		FORT JACKSON	40.004	50.700	0.047		the prior estimate. This additional cost may also be caused by changes in
South Carolina	Army	FURT JACKSON	48,204	52,723	2,617	7,136	schedule. 1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost
							Estimate Change Unrelated to Change in Scope – Actual contract cost for prior
Kentucky	Army	FORT KNOX	3,686	4,127	154		or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
remacky	Airiy	T OTT TOTO	3,000	7,121	104	000	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is
l/anaaa	Δ	FORT LEAVENWORTH	4.070	0.004	4 204		greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Kansas	Army	FUNT LEAVENWURTH	1,872	2,364	1,301		1) Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost
,,,,,	1.	FORTIEF		0.640	66.4		Estimate Change Unrelated to Change in Scope – Change in cost estimating
Virginia	Army	FORT LEE	1,822	2,312	284	774	methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
Missouri	Army	FORT LEONARD WOOD	Inflation (\$000)	(\$000) 45,769	(\$000) 2,558	(\$000)	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) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 6) 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.
Alabama	Army	FORT MCCLELLAN	50,264	50,166	751	653	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Alabama	Army	FORT MCCLELLAN ARNG	5,738	6,326	588	1,176	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) 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.
Wisconsin	Army	FORT MCCOY	311	3,143	12		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) New Site.
Georgia New Jersey	Army Army	FORT MCPHERSON FORT MONMOUTH	5 16,276	11 15,408	20 531		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. No explanation required.
Virginia	Army	FORT MONROE	11,965	17,911	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). 1) Cost Estimate Change Unrelated to Change in Scope – Change in contract
California	Army	FORT ORD	306,248	311,975	11,359	17,086	or contract method. 2) 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.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
							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) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than
Virginia	Army	FORT PICKETT ARNG MTC	464	619	221		the prior estimate. This additional cost may also be caused by changes in schedule.
Louisiana	Army	FORT POLK	7,499	4,786	1,198		No explanation required.
Kansas	Army	FORT RILEY	33,782	39,598	630		1) Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) 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.
			·				Cost Estimate Change Unrelated to Change in Scope – Change in contract or
Maryland	Army	FORT RITCHIE	5,625	6,323	118		contract method.
Alabama	Army	FORT RUCKER	9,777	10,485	502	1,210	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.
							1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 3) 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
Hawaii	Army	FORT SHAFTER	2,342	3,375	118		be caused by changes in schedule. Cost Estimate Change Unrelated to Change in Scope – Change in contract or
Illinois	Army	FORT SHERIDAN	8,290	8,387	1,387		contract method.
Oklahoma	Army	FORT SILL	502	1,258	68	·	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) New Site.
Georgia	Army	FORT STEWART	7,293	13,258	833		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) 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 for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
04-4-	DoD	In adalladian Nama	Estimate	Cost	Funds	Estimate	Barran (a)
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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). 4) New Site. 5) Cost Estimate
							Change Unrelated to Change in Scope – Change in cost estimating
							methodology or model. 6) Cost Estimate Change Unrelated to Change in
							Scope – Change in contract or contract method. 7) 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
Alaska	Army	FORT WAINWRIGHT	70,503	78,394	4,089	11,980	changes in schedule.
							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
		FORT WINGATE DEPOT					scope, delay in regulatory document review or approval). 3) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract
New Mexico	Army	ACTIVITY	140,581	313,838	5,254	178,511	
Utah	Army	GREEN RIVER TEST SITE	140,361	313,636	3,234 7		No explanation required.
Otan	,y	0.12	0		,	· ·	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Alaska	Army	HAINES PIPELINE	24,089	29,295	296	5,502	estimating methodology or model.
California	Army	HAMILTON ARMY AIRFIELD	1,218	1,069	7	(142)	No explanation required.
							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 – DoD Policy or Directive – A change in DoD policy or
							directive that redefines the costs included in the CTC. 3) New Site. 4) Cost
							Estimate Change Unrelated to Change in Scope – Actual contract cost for prior
	1.	LIAMELIODNIE ADMY DEDOT	00.000	07.075	0.077	00.400	or ongoing work is greater than the prior estimate. This additional cost may also
Nevada	Army	HAWTHORNE ARMY DEPOT	68,660	87,275	3,877	22,492	be caused by changes in schedule.
Hawaii	Army	HELEMANO RAD REC STATION	0	0	12	12	No explanation required.
							1) Standards or Regulations – DoD Policy or Directive – A change in DoD policy
							or directive that redefines the costs included in the CTC. 2) Cost Estimate
							Change Unrelated to Change in Scope – Actual contract cost for prior or
		HOLSTON ARMY AMMUNITION					ongoing work is greater than the prior estimate. This additional cost may also
Tennessee	Army	PLANT	11,103	11,832	329	,	be caused by changes in schedule.
Georgia	Army	HUNTER ARMY AIRFIELD	19,886	11,041	373	(8,472)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
			,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,		Project Scope – Added cleanup phases as the project progresses (e.g.,
		LOUVA A DANY AND HILLIAN					feasibility study or remedial action operation added to project scope). 2)
laa	A	IOWA ARMY AMMUNITION PLANT	70.044	00.010	0.007	05 000	Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
lowa	Army	PLANT	76,611	99,910	2,037	25,336	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
		JEFFERSON PROVING					DoD), change in future property reuse, site reopened to address additional risk,
Indiana	Army	GROUND	34,515	38,214	1,798	- , -	additional sampling).
							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) Cost Estimate Change Unrelated to
Georgia	Army	JFHQ GA ARNG	3,408	11,703	445		Change in Scope – Change in cost estimating methodology or model.
Michigan	Army	JFHQ MI ARNG	0,100	0	25		No explanation required.
New Mexico	Army	JFHQ NM ARNG	0	0	10		No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Ohio	Army	JFHQ OH ARNG	14,251	17,468	751		estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Rhode Island	Army	JFHQ RI ARNG	8,527	9,901	7		additional risk, additional sampling).
Vermont	Army	JFHQ VT ARNG	1,280	209	24		No explanation required.
			,			()-)	
							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) Cost Estimate Change Unrelated to Change in Scope –
							Actual contract cost for prior or ongoing work is greater than the prior estimate.
Washington	Army	JOINT BASE LEWIS-MCCHORD	30,080	37,216	5,146		This additional cost may also be caused by changes in schedule.
J	1		,	, -	,	, -	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,
		IOINT DAGE MAYED					additional risk pathway such as vapor intrusion (that is required and initiated by
Virginio	Army	JOINT BASE MYER- HENDERSON HALL	202	2.674	30		DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Virginia	Army	TIENDENSON TIALE	223	3,674	30	3,461	auditional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Illinois	Army	JOLIET AAP	25,896	26,808	638		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Kansas	Army	KANSAS ARMY AMMUNITION PLANT	1,663	1,527	71	·	No explanation required.
Hawaii	Army	KILAUEA MILITARY RESERVATION	0	0	12		No explanation required.
Hawaii	Army	KUNIA FIELD STATION LAKE CITY ARMY AMMUNITION	728	1,579	36		Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Missouri	Army	PLANT	109,867	37,544	4,609	(67,714)	No explanation required.
Pennsylvania	Army	LETTERKENNY ARMY DEPOT	5,393	13,028	1,142		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.
Rhode Island	Army	LINCOLN AMSA 68	892	872	21	- ,	No explanation required.
		LONE STAR ARMY					Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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) 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
Texas	Army	AMMUNITION PLANT	4,594	4,649	288		schedule.
Texas	Army	LONGHORN ARMY AMMUNITION PLANT	81,522	83,843	7,339		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Statimate 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.
Louisiana		LOUISIANA ARMY AMMUNITION PLANT	2,711	10,899	798		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.
Louisiaria	Army	LTA - MARION ENGR DEPOT	۷,/۱۱	10,099	190		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
Ohio	Army	EAST	59	59	143		may also be caused by changes in schedule.
Hawaii	Army	MAKUA MILITARY RESERVATION	956	772	219	35	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Oklahoma	Army	MCALESTER ARMY AMMUNITION PLANT	6,867	7,187	189		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Tennessee	Army	MILAN ARMY AMMUNITION PLANT	25,167	26,674	1,408	2,915	Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 2) 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 Wisconsin	Army Army	MILITARY OCEAN TERMINAL CONCORD MILWAUKEE USARC/AMSA#49	98,314	128,235 0	2,810 435		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. No explanation required.
Mississippi	Army	MISSISSIPPI ARMY AMMUNITION PLANT	3,577	3,482	22	(73)	No explanation required.
Alabama	Army	MOBILE OMS 28 & 29	3,659	1,199	7	` '	No explanation required. 1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) Cost Estimate Change Unrelated to
Massachusetts Florida	Army Army	MTA CAMP EDWARDS MTC CAMP BLANDING	6,739 2.927	6,782 1.404	483 20		Change in Scope – Change in contract or contract method. No explanation required.
California	Army	MTC-H CAMP ROBERTS	4,310	4,776	125	591	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) 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.
	1	NATIONAL TRAINING CENTER	,				
California	Army	AND FORT IRWIN OAKLAND ARMY BASE	37,741 445	29,526 1,414	1,333	· · · · · ·	No explanation required. 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	Army	PAPAGO MILITARY RESERVATION	2,175	1,741	1,860	1,426	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) 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	† ′	PARKS RESERVE FORCES TRAINING AREA	7,078	1,077	509		No explanation required.
Illinois	Army	PHILIP H SHERIDAN RESERVE CTR	7,078	0	816	· · · /	No explanation required.
Maryland	Army	PHOENIX MILITARY RESERVATION	2,012	2,056	69	113	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	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 reopendates
New Jersey	Army	PICATINNY ARSENAL	140,977	142,456	8,353	9,832	additional risk, additional sampling). 2) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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.
Arkansas	Army	PINE BLUFF ARSENAL	31,931	31,565	4,105		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Statimate 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	Army	POHAKULOA TRAINING AREA	35,444	38,805	8,680		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
California	Army	PRESIDIO OF MONTEREY	1,631	1,633	264		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.
Colorado	Army	PUEBLO CHEMICAL DEPOT RADFORD ARMY AMMUNITION	204,550	542,390	4,666		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). 4) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 5) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 6) 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. Standards or Regulations – DoD Policy or Directive – A change in DoD policy or
Virginia	Army	PLANT	8,270	8,809	491	1,030	directive that redefines the costs included in the CTC.

	D - D		FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for	Cost Estimate	Funds Obligated	Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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) Cost Estimate Change Unrelated to Change in Scope –
							Change in cost estimating methodology or model. 4) Cost Estimate Change
							Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is
Ohia	A	RAVENNA ARMY AMMUNITION PLANT	24 500	20.042	7 400	0.707	greater than the prior estimate. This additional cost may also be caused by
Ohio	Army	PLANT	34,568	30,843	7,462	3,737	changes in schedule. 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
Texas	Army	RED RIVER ARMY DEPOT	32,062	40,588	813	9,339	included in the CTC. 3) New Site.
				•			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.
							4) Cost Estimate Change Unrelated to Change in Scope – Change in cost
							estimating methodology or model. 5) Cost Estimate Change Unrelated to
							Change in Scope – Change in contract or contract method. 6) 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
Alabama	Army	REDSTONE ARSENAL	608,283	598,150	37.691	27 559	be caused by changes in schedule.
Alaballia	Army	NEDOTONE ANGENAL	000,203	390,130	37,091	21,000	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		RIVERBANK ARMY					initiated by DoD), change in future property reuse, site reopened to address
California	Army	AMMUNITION PLANT	24,200	36,216	1,725	13,741	additional risk, additional sampling).
	1	-	2.,200	33,210	.,. 20		, 1 5/

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
Illinois	Army	ROCK ISLAND ARSENAL	10,607	14,355	4,853		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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.
Colorado	Army	ROCKY MOUNTAIN ARSENAL	224,747	223,079	10,135		1) 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). 2) 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	Army	SACRAMENTO ARMY DEPOT	6,332	3,414	337	(2,581)	No explanation required.
Illinois	Army	SAVANNA DEPOT ACTIVITY	28,342	39,192	468	11,318	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. 3) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 4) 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	Army	SCHOFIELD BARRACKS	12,211	10,099	1,305		No explanation required.
New York	Army	SENECA ARMY DEPOT ACTIVITY	22,534	24,542	6	2,014	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	SIERRA ARMY DEPOT	21,361	24,210	610		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 – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 3) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 5) 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.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Massachusetts	Army	SOLDIER SYSTEMS CENTER	6,414	6,074	429	***************************************	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.
Missouri	Army	ST LOUIS ORDNANCE PLANT	5,636	5,768	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).
Massachusetts	Army	SUDBURY TRAINING ANNEX	1,170	941	91		No explanation required.
Kansas	Army	SUNFLOWER ARMY AMMUNITION PLANT TARHEEL ARMY MISSILE	51,617	73,797	24,760		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) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5) 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	Army	PLANT	99	98	20	19	No explanation required.
Pennsylvania	Army	TOBYHANNA ARMY DEPOT	12,049	12,629	307		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 – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC.
Utah	Army	TOOELE ARMY DEPOT	56,622	78,226	831	22,435	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 – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 3) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 4) 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.
Utah	Army	TOOELE ARMY DEPOT SOUTH	112,463	106,533	256	(5,674)	No explanation required.
Hawaii	Army	TRIPLER ARMY MEDICAL CENTER	954	1,702	49		Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
California	Army	TS AFRC LOS ALAMITOS	15,013	12,791	782	(1,440)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

21.1	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	- ()
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
							Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Ost
							Estimate Change Unrelated to Change in Scope – Change in cost estimating
							methodology or model. 3) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 4) Cost Estimate Change
							Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is
Minnesota	Army	TWIN CITIES ARMY AMMUNITION PLANT	26,396	43,350	8,390		greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Willingsola	Airiiy	7 WWW.GIVITIGIVT EXIVE	20,000	40,000	0,000	20,044	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Oregon	Army	UMATILLA CHEMICAL DEPOT	53,699	114,205	1,015	61,521	additional risk, additional sampling).
							Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). Ost
							Estimate Change Unrelated to Change in Scope – Actual contract cost for prior
North Carolina	Army	USARC DURHAM	0	378	392		or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
North Carolina	Airiy		-				
Ohio	Army	USARC KINGS MILLS (AMSA 59) USARC NIAGARA FALLS (AMSA	7,623	7,010	270	(343)	No explanation required.
New York	Army	5)	75	78	11	14	No explanation required.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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
Virginia	Army	VINT HILL FARMS STATION	1,266	7,399	575		included in the CTC.
Tennessee	Army	VOLUNTEER ARMY AMMUNITION PLANT	19,773	18,730	650	(393)	No explanation required.
Hawaii	Army	WAIAWA GULCH	0	0	42	(/	No explanation required.
Hawaii	A rmv	WAIKAKALAUA AMMO STORAGE TUNNELS	785	860	11	96	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Tawaii	Army	WALTER REED ARMY MEDICAL	765	000	11	00	Contract metrod.
District of Columbi	Army	CENTER	588	89	322		No explanation required.
New York	Army	WATERVLIET ARSENAL	4,226	5,775	135		Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
	,		,	, -	-	•	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
		WELDON SPRING TRAINING					initiated by DoD), change in future property reuse, site reopened to address
Missouri	Army	AREA	2,789	3,288	43	542	additional risk, additional sampling).

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
		WEST POINT MIL		, , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) 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
New York	Army	RESERVATION	65,601	67,652	1,021	3,072	schedule.
Hawaii	Army	WHEELER ARMY AIRFIELD	804	880	30	106	Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
							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). 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5) 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
New Mexico	Army	WHITE SANDS MISSILE RANGE	2,954	4,469	871	2,386	may also be caused by changes in schedule. 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) 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
Washington	Army	YAKIMA TRAINING CENTER	2,377	2,788	383	794	schedule.
Arizona	Army	YUMA PROVING GROUND	15,955	16,795	5,328	6 169	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) New Site. 3) 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 Alaska	Army Navy	ADAK NAS	75,623	56,659	13.861		No explanation required.
Guam	Navy	AGANA NAS	4,851	3,752	308	(-,,	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
							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) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate.
California	Navy	ALAMEDA NAS	43,591	39,158	5,344	911	This additional cost may also be caused by changes in schedule.
Georgia	Navy	ALBANY MCLB	12,315	13,000	902	1 587	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Coorgina	, and y		12,010	10,000			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
West Virginia	Navy	ALLEGANY BALLISTICS LAB	58,571	57,991	3,641	- ,	so active remediation is needed, technology was ineffective).
Alaska	Navy	AMCHITKA FLTSURSPTDET1	48,065	47,038	73	, ,	No explanation required.
Maryland	Navy	ANNAPOLIS NS ANNAPOLIS NSWC DET BAY	17,576	16,999	148	, ,	No explanation required. 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
Maryland	Navy	HEAD ANNEX	416	418	89	91	or approval).
California	Nova	AZUSA NCCOSC MORRIS DAM FACILITY	2,447	2,479	463		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	TAGILITI	2,447	2,479	403		Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
Maryland	Navy	BAINBRIDGE NTC	12,863	10,572	2,988		prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Washington	Navy	BANGOR NSB	144,917	151,515	6,103		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) 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.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for Inflation (\$000)	Cost Estimate (\$000)	Funds Obligated (\$000)	Estimate Change (\$000)	Reason(s)
			minution (¢000)	(ψοσο)	(\$000)	(ψοσο)	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) 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
Hawaii	Navy	BARBERS POINT NAS	7,326	9,657	817	3,148	schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Hawaii	Navy	BARKING SANDS PMRF	4,554	3,849	750	45	additional risk, additional sampling).
							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
California	Navy	BARSTOW MCLB	47,244	47,023	509		may also be caused by changes in schedule.
South Carolina	Navy	BEAUFORT MCAS	28,893	28,170	695	(28)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Massachusetts	Navy	BEDFORD NWIRP	22,251	38,522	1,459	17,730	estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
New York	Navy	BETHPAGE NWIRP	493,166	510,513	22,181	39,528	additional risk, additional sampling).
							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). 3) Cost Estimate
							Change Unrelated to Change in Scope – Change in cost estimating
							methodology or model. 4) Cost Estimate Change Unrelated to Change in
							Scope – Actual contract cost for prior or ongoing work is greater than the prior
Maine	Navy	BRUNSWICK NAS	34,056	46,056	2,641	14,641	estimate. This additional cost may also be caused by changes in schedule.
New York	Navy	CALVERTON NWIRP	16,642	16,377	4,577	4 312	1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
	,		. 3,0 12	. 5,511	.,577	.,012	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Hawaii	Navy	CAMP H.M. SMITH OAHU	2,020	2,193	2	175	additional risk, additional sampling).
	,	1	2,020	2,100		170	·3

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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). 3) New Site. 4) 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
North Carolina	Navv	CAMP LEJEUNE MCB	136,013	138,629	13,773	16 389	be caused by changes in schedule.
	· · · · · · · · ·	CAMP PENDLETON MCB	46,849	38,710	6,597	-,	No explanation required.
	,	CECIL FIELD NAS	11,550	6,829			No explanation required.
		CHARLESTON FISC	4,708	4,356	61	(291)	No explanation required.
South Carolina	Navy	CHARLESTON NS	7,583	5,885	145	(1,553)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Texas	Navy	CHASE FIELD NAS	4,559	5,066	10	517	estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 3) Cost
							Estimate Change Unrelated to Change in Scope – Actual contract cost for prior
North Carolina	Nova	CHERRY POINT MCAS	84,495	82,182	2,917		or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
North Carolina	Navy	CHERRY POINT MCAS	84,495	82,182	2,917	604	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,
Maryland	Navy	CHESAPEAKE BAY DET NRL	2,776	2,495	897	616	additional sampling).
,	,		,,,,	,	301		Cost Estimate Change Unrelated to Change in Scope – Change in cost
Virginia	Navy	CHESAPEAKE NSGA NWEST	750	731	672	653	estimating methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost Estimate	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	(\$000)	Obligated (\$000)	Change (\$000)	
							A) Desirat Connect Added alagram who are a the musicat management of
							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). 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5)
							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
California	Navy	CHINA LAKE NAWS	128,621	140,874	5,883	18,136	may also be caused by changes in schedule.
							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
New Jersey	Navy	COLTS NECK NWS EARLE	52,655	52,389	1,009	743	may also be caused by changes in schedule.
							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). 3) Cost Estimate Change Unrelated to Change in Scope –
							Change in cost estimating methodology or model. 4) 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
California	Navy	CONCORD NWS	65,515	68,278	8,295	11,058	changes in schedule. 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
California	Navy	CORONA NOC NWAD	276	101	406	231	may also be caused by changes in schedule.
Camerna	rary		210	101	100	201	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
			0.400				additional risk, additional sampling). 2) Cost Estimate Change Unrelated to
California Texas	Navy	CORONADO NAB CORPUS CHRISTI NAS	3,130 27.241	4,081 25,865	154 1,075		Change in Scope – Change in cost estimating methodology or model. No explanation required.
Indiana	Navy Navy	CRANE NSWC	27,853	22,784	1,075	(/	No explanation required.
пиши	reavy	5. U L. 110110	21,000	22,104	1,201	(0,000)	Technology – Change to a different or improved cleanup technology (e.g.,
							monitored natural attenuation did not work so active remediation is needed,
Virginia	Navy	CRANEY ISLAND FISC	7,182	6,996	413	227	technology was ineffective).
California	Navy	CROWS LANDING NALF	1,543	776	675		No explanation required.
Maine	Navy	CUTLER NCTS	11,909	6,590	3,603	(, ,	No explanation required.
Virginia	Navy	DAHLGREN NSWC	21,533	19,312	1,148	(1,073)	No explanation required.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
Otato	Component	motunation Numb	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	reason(s)
Texas	Navy	DALLAS NAS	23,424	22,256	1,186		No explanation required.
	 		-,	,	,		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
Virginia	Navy	DAM NECK FCTC	9,119	9,918	1,015		Change in Scope – Change in cost estimating methodology or model.
Rhode Island	Navy	DAVISVILLE NCBC	29,868	27,971	1,514		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
California	Nova	DIXON NRTF	938	943	42	47	additional risk, additional sampling).
California	Navy Navy	EL CENTRO NAF	28.595	24,992	3,020		No explanation required.
California	Navy	EL TORO MCAS	38,498	36,036	1,926	(536)	No explanation required.
Gamornia	Itavy	LE TOTTO MONE	00,400	00,000	1,020	(000)	The explanation required.
							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) Cost Estimate Change Unrelated to Change in Scope –
							Actual contract cost for prior or ongoing work is greater than the prior estimate.
California	Navy	FALLBROOK NOC PAC DIV DET	24,094	24,019	2,583	2,508	This additional cost may also be caused by changes in schedule.
							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) 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). 4) 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
Nevada	Navy	FALLON NAS	26,581	24,379	6,471	4,269	changes in schedule.
	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
Minnesota	Navy	FRIDLEY NIROP	32,993	31,524	1,776	307	additional risk, additional sampling).

24.4	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
							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) 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
Texas	Navy	FT WORTH TX NAS JRB	8,913	9,014	1,427		schedule.
Illinois	Navy	GREAT LAKES NTC	185,719	168,548	835		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
Guam	Navy	GUAM NAVACTS	68,477	66,931	5,456	-,	Change in Scope – Change in contract or contract method.
Guam	Navy	GUAM NSRF	14,462	11,833	2,203		No explanation required.
		CLIANA DIAIC	4 400	4.504	40		Project Scope – Added cleanup phases as the project progresses (e.g.,
Guam	Navy	GUAM PWC	1,483	1,504	48	69	feasibility study or remedial action operation added to project scope).
							Technology – Change to a different or improved cleanup technology (e.g.,
Cuam	Nous	GUAMI COMNAVMARIANAS	1.940	2 101	2.039		monitored natural attenuation did not work so active remediation is needed, technology was ineffective).
Guam	Navy	GUAINI COMNAVINANIANAS	1,940	2,191	2,039		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). 2) 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
Mississippi	Navy	GULFPORT NCBC	14,683	11,686	5,460	2,463	schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
California	Navy	IMPERIAL BEACH OLF	15,057	14,712	378		additional risk, additional sampling).
Maryland	Navy	INDIAN HEAD NSWC	193,876	186,330	2,652		No explanation required.
							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) Cost Estimate Change Unrelated to
							Change in Scope – Change in contract or contract method. 3) Cost Estimate
							Change Unrelated to Change in Scope – Actual contract cost for prior or
Florida	Navy	JACKSONVILLE NAS	43.244	41.746	4.425		ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Fioriua	ivavy	UNDITOON VILLE IVAG	43,244	41,740	4,425	2,921	be caused by changes in schedule.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	, ,
							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) 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
Hawaii	Navy	KANEOHE BAY MCB	15,307	15,134	542		schedule.
							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) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 3) 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
Florida	Navy	KEY WEST NAS	55,915	56,523	979		be caused by changes in schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Washington	Navy	KEYPORT NUWC	24,455	26,824	3,059		additional risk, additional sampling).
**aomington	itaty	The state of the s	21,100	20,021	0,000		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 3) 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
Georgia	Navy	KINGS BAY NSB	3,877	4,314	57		be caused by changes in schedule.
Ocorgia	Ivavy	THINGS BATT NOB	0,011	7,017	37	707	Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	Navy	LEMOORE NAS	26,613	27,393	1,236	2,016	estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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
Virginia	Navy	LITTLE CREEK NAB	356,722	363,665	1,400		scope, delay in regulatory document review or approval).
							Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
	1						prior or ongoing work is greater than the prior estimate. This additional cost
California	Navy	LONG BEACH NS	980	1,001	592	613	may also be caused by changes in schedule.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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
California	Navy	LONG BEACH NS SAN PEDRO	10,495	10,439	1,085		the regulator that increases project scope, delay in regulatory document review or approval).
California	Navy	LOS ANGELES NMCRC	611	513	1,083		No explanation required.
Galifornia	Navy	LOG / INGLEES NIMONS	011	010	10	(00)	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
Kentucky	Navy	LOUISVILLE NSWC	3,041	3,042	246		may also be caused by changes in schedule.
,	,		- 7-	-,-			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) 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
Hawaii	Navy	LUALUALEI NAVMAG	53,924	51,587	2,869	532	schedule.
							1) 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). 2) Cost Estimate Change Unrelated to Change
							in Scope – Change in cost estimating methodology or model. 3) 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
California	Navy	MARE ISLAND NSY	64,942	68,722	4,679		be caused by changes in schedule.
Florida	Navy	MAYPORT NS	18,493	17,108	82	(1,303)	No explanation required.
							Standards or Regulations – DoD Policy or Directive – A change in DoD policy or
Texas	Navy	MCGREGOR NWIRP	25,907	24,476	2,635	, -	directive that redefines the costs included in the CTC.
Missouri	Navy	MCSA KANSAS CITY	1,717	1,226	38	(453)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Pennsylvania	Navy	MECHANICSBURG SPCC	4,279	8,597	246	4,564	estimating methodology or model.
							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
Tennessee	Navy	MEMPHIS NAS	8.490	8.626	2,828		included in the CTC.
. 51111003000	1.144 y		0,490	0,020	2,020	2,004	

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for Inflation (\$000)	Cost Estimate (\$000)	Funds Obligated (\$000)	Estimate Change (\$000)	Reason(s)
Mississippi	Navy	MERIDIAN NAS	12,015	17.770	4,534		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) New Site. 3) 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	MIRAMAR MCAS	31,789	26,327	18,680		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 3) 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	MOFFETT FIELD NAS	18,576	15,568	2,501	(507)	No explanation required.
Puerto Rico	Navy	NAVACT PUERTO RICO	31,279	46,065	4,204	18,990	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. Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
Connecticut	Navy	NEW LONDON NSB	14,048	14,017	714	683	cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Rhode Island	Navy	NEWPORT NETC	72,165	84,399	9,691		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). 2) 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.
Virginio		NORFOLK COMNAVBASE	ŕ	,	·		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).
Virginia	Navy	NON OLK COMINAVDASE	41,895	44,467	3,200		Cost Estimate Change Unrelated to Change in Scope – Change in cost
Virginia	Navy	NORFOLK NSY	16,011	20,641	812		estimating methodology or model.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
							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). 3) Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 4) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than
California	Navy	NORTH ISLAND NAS	87,599	90,662	8,767	11,830	the prior estimate. This additional cost may also be caused by changes in schedule.
California	Navy	NOVATO DOD HOUSING FACILITY	371	261	453		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	NSA ANDERSEN GUAM	39,153	36,310	6,073	3,230	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) 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). 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Navy	OAKLAND FISC ALAMEDA ANNEX	134	125	22	13	No explanation required.
Virginia	Navy	OCEANA NAS	205,878	182,907	13,523		No explanation required.
Florida	Navy	ORLANDO NTC	12,111	13,358	786	2,033	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	11,793	9,631	135	(2,027)	No explanation required.
South Carolina	Navy	PARRIS ISLAND MCRD	84,299	83,420	2,696		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	PATUXENT RIVER NAS	38,183	32,150	4,445	(1,588)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for	Cost Estimate	Funds Obligated	Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Hawaii	Navy	PEARL HARBOR FISC	17,056	19,355	337		schedule.
Hawaii	Navy	PEARL HARBOR NS	110,703	91,131	11,111	(8,461)	No explanation required.
Hawaii	Navy	PEARL HARBOR NSB	762	538	53	/	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
Llaweii	Novar	PEARL HARBOR NSY	6,550	6,824	655		the prior estimate. This additional cost may also be caused by changes in schedule.
Hawaii	Navy	I EARL HARBOR NOT	0,550	0,024	000		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Hawaii	Navy	PEARL HARBOR PWC	40,943	41,444	751		additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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). 3) Cost Estimate
							Change Unrelated to Change in Scope – Change in cost estimating
							methodology or model. 4) Cost Estimate Change Unrelated to Change in
							Scope – Actual contract cost for prior or ongoing work is greater than the prior
Florida	Navy	PENSACOLA NAS	59,061	57,263	5,312	3.514	estimate. This additional cost may also be caused by changes in schedule.
	1		,	,			Standards or Regulations – Regulation Change – A broad-scale or national
		PENSACOLA NTTC CORRY					change in regulation that impacts multiple sites (e.g., newly promulgated or
Florida	Navy	STATION	6,313	4,862	1,771		modified Applicable or Relevant and Appropriate Requirement).
							Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
	1	L					prior or ongoing work is greater than the prior estimate. This additional cost
Pennsylvania	Navy	PHILADELPHIA NS	4,638	4,660	159	181	may also be caused by changes in schedule.

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
Otate	Component	motanation rame	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	reason(s)
							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) 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
Alaska	Navy	POINT BARROW NARL	32,660	34,648	1,286	3,274	schedule.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) 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
California	Navy	POINT MUGU NAWS	15,398	13,336	2,565	503	schedule.
		PORT HADLOCK NOC PAC DIV					Cost Estimate Change Unrelated to Change in Scope – Change in contract or
Washington	Navy	DET	4,155	2,556	1,665	66	contract method.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
California	Navy	PORT HUENEME NCBC	8,434	7,521	2,702	1,789	additional risk, additional sampling).
			·			•	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) 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
Maine	Navy	PORTSMOUTH NSY	5,187	4,218	1,282	313	schedule.
		PUGET SOUND FISC					Standards or Regulations – DoD Policy or Directive – A change in DoD policy or
Washington	Navy	BREMERTON	3,533	3,617	155	239	directive that redefines the costs included in the CTC.
\	Na	PUGET SOUND FISC MANCHESTER	2.500	0.040	011	(440)	No explanation required
Washington	Navy	PUGET SOUND NAVHOSP	3,569	2,848	611	(110)	No explanation required. Cost Estimate Change Unrelated to Change in Scope – Change in cost
Washington	Navy	BREMERTON	3,182	3,234	95	147	estimating methodology or model.
	,		5,102	0,204	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
Machinetan	Nova	PUGET SOUND NSY	402 400	00 544	7 700	2 000	additional risk, additional sampling). 2) Cost Estimate Change Unrelated to
Washington	Navy	FUGET SOUND NST	103,426	99,544	7,790	3,908	Change in Scope – Change in cost estimating methodology or model.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
							Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 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). 3) Cost Estimate Change Unrelated to Change in
Virginia	Navy	QUANTICO MCB	100.100	105.393	2,583	7.876	Scope – Change in cost estimating methodology or model.
Puerto Rico	Navy	ROOSEVELT ROADS CAMP GARCIA	10.460	8,959	1,324	•	No explanation required.
			.,	,	,	,	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
California	Navy	SALTON SEA TEST RANGE	2,924	3,106	111	293	additional risk, additional sampling).
California	Navy	SAN CLEMENTE ISLAND NALF	2,293	2,321	58		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	SAN DIEGO NCCOSC	21,227	21,471	5,466	5.710	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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Camorina	, vavy		·	,	5,700	5,710	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or
California	Navy	SAN DIEGO NISE WEST	3,997	7,461	860		model.
California	Navy	SAN DIEGO NS	250,232	179,297	1,619		No explanation required.
California	Navy	SAN DIEGO NSB	0	0	551		No explanation required.
California	Navy	SAN DIEGO NTC	200	0	876	676	No explanation required.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Bassan/a)
State	Component	installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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
L		0.1151 517 5151 5 1140					(e.g., new requirement imposed by the regulator that increases project scope,
Florida	Navy	SAUFLEY FIELD NAS	7,694	8,040	1,587	1,933	delay in regulatory document review or approval).
							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
0 - 116 1 -	N1	CEAL DEACHANAG	00.000	00 570	0.070	0.007	DoD), change in future property reuse, site reopened to address additional risk,
California	Navy	SEAL BEACH NWS	39,239	39,576	2,670	3,007	additional sampling). 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
Massachusetts	Nova	SOUTH WEYMOUTH NAS	50,520	50,433	1,162	1 075	may also be caused by changes in schedule.
Massachuseus	Navy	SOUTH WETWOOTH NAS	50,520	50,433	1,102	1,075	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		ST INIGOES NISE EAST COAST					initiated by DoD), change in future property reuse, site reopened to address
Maryland	Navy	DET	399	1,444	169	1 21/	additional risk, additional sampling). 2) New Site.
Wai yiana	INGVY	521	000	1,777	103	1,217	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). 2) Cost Estimate Change Unrelated to
Virginia	Navy	ST JULIEN'S CREEK ANNEX	15,636	21,343	1,018	6.725	Change in Scope – Change in cost estimating methodology or model.
	1)		. 5,000		.,510	0,. 20	1- 5 1

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
California	Navy	TREASURE ISLAND NS	35,117	47.780	7,761		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5) 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.
-		TREASURE ISLAND NS	,	,	•		
California	Navy	HUNTERS PT ANNEX	253,628	221,779	19,881	(11,968)	No explanation required. Project Scope – Added requirements due to other site-level project change
New Jersey	Navy	TRENTON NAWC	24,751	30,785	932		(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	TUSTIN MCAS	14,841	15,656	1,194		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) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
California	Navy	TWENTYNINE PALMS MCAGCC	7 641	5 /112	1 601	(629)	No explanation required.
Calliornia	Navy	IVENTININE PALMS MCAGCC	7,641	5,412	1,601		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
Puerto Rico	Navy	VIEQUES EAST	265,072	263,131	29,805	•	scope, delay in regulatory document review or approval).
Puerto Rico	Navy	VIEQUES PUERTO RICO NASD	8,306	3,339	22	(4,945)	No explanation required.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for Inflation (\$000)	Cost Estimate (\$000)	Funds Obligated (\$000)	Estimate Change (\$000)	Reason(s)
Hawaii	Navy	WAHIAWA NCTAMS EASTPAC	2,935	2,816	160	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).
Pennsylvania	Navy	WARMINSTER NAWC	51,229	52.578	1,823	3 172	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) 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 Columbi	Navy	WASHINGTON DC NAVOBSY	1,105	497	672	• ,	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
District of Columbi		WASHINGTON NAVY YARD	26,286	23,623	1,259	() - /	No explanation required.
District of Columbi	Navy	WASHINGTON NRL	1,201	508	272	(421)	No explanation required.
Washington	Navy	WHIDBEY ISLAND NAS	96,116	98,255	11,158	13,297	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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	WHITE OAK NSWC	1,974	1,747	359		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	25,986	25,023	4,945	3,982	Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. 2) 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	WILLIAMSBURG FISC CHEATHAM ANNEX	43,247	43,973	371	1,097	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	59,052	53,016	5,393	(643)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
Virginia	Navy	YORKTOWN FISC FUELS DIVISION	28,431	27,804	907	280	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	YORKTOWN NWS	66,978	65,294	2,674	990	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Navy	YUMA MCAS	18,207	19,932	1,759	3,484	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) New Site. 3) 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	AF PLANT NO 42 - B	42,482	81,030	740	39,288	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Oklahoma	Air Force	AIR FORCE PLANT 3	3,153	8,328	180	5,355	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method.
Texas	Air Force	AIR FORCE PLANT 4	73,273	73,466	1,653	1.846	New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Arizona	Air Force	AIR FORCE PLANT 44	46,712	36,505			No explanation required.
New York	Air Force	AIR FORCE PLANT 59	694	352	67	(275)	No explanation required.
Georgia	Air Force	AIR FORCE PLANT 6	202,031	149,277	4,086	(48,668)	No explanation required.
Ohio	Air Force	AIR FORCE PLANT 85	11,734	13,082	344	1,692	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 2) 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. Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
Colorado	Air Force	AIR FORCE PLANT PJKS	19,192	19,512			prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Oklahoma	Air Force	ALTUS AIR FORCE BASE	73,767	52,458	1,574	_	No explanation required.
Tennessee	Air Force	ARNOLD	112,313	79,446	8,338	(24,529)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
.	DoD		Estimate	Cost	Funds	Estimate	
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
			(7000)	(4000)	(4000)	(4000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 3) 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
Florida	Air Force	AVON PARK AIR FORCE RANGE	5,108	9,704	180	4 776	be caused by changes in schedule.
South Dakota	Air Force	BADLANDS BOMBING RANGE	6,423	5,482	234		No explanation required.
Louisiana	Air Force	BARKSDALE AIR FORCE BASE	54,938	47,451	1,432	(6.055)	No explanation required.
Alaska	Air Force	BARTER ISLAND	7,589	5,701	356		No explanation required.
Alaska	All I OICE	BARTERIOLAND	7,509	3,701	330	(1,552)	New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) Cost Estimate Change Unrelated
California	Air Force	BEALE	205,474	227,198	17,961	30 685	to Change in Scope – Change in contract or contract method.
California	All Force	BEAR CREEK RADIO RELAY	200,474	221,190	17,901	39,063	to Change in Scope – Change in Contract of Contract Method.
Alaska	Air Force	STATION	1,257	968	40	(240)	No explanation required.
Alaska	All Force	STATION	1,237	900	40	(249)	Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost
							Estimate Change Unrelated to Change in Scope – Change in cost estimating
Hausaii	A:-	BELLOWS AIR FORCE STATION	F 004	F 404	0.007	2 4 4 4	methodology or model.
Hawaii	Air Force	BELLOWS AIR FORCE STATION	5,004	5,181	2,967	3, 144	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Toyon	Air Force	BERGSTROM	22.206	25.005	230	1 000	
Texas Alaska	Air Force Air Force	BETHEL RANGE	23,396 1,660	25,095 1,492	41		No explanation required.
Alaska	All Force	BIG MOUNTAIN RADIO RELAY	1,000	1,492	41	(121)	INO explanation required.
Alaaka	Air Force	STATION	17,917	5,869	48	(12,000)	No explanation required.
Alaska Texas	Air Force	BROOKS-CITY	5,451	4,984	71	()/	No explanation required.
Colorado	Air Force	BUCKLEY AFB	60,060	44,583	8,708	, ,	No explanation required.
Colorado	Air Force	BUCKLEY ANNEX	670	44,363	53	/	No explanation required.
Alaska	Air Force	BULLEN POINT	12,673	12,000	109		No explanation required.
Alaska	All Force	BOLLEN FOINT	12,073	12,000	109	(304)	ino explanation required.
Michigan	Air Force	CALUMET AIR FORCE STATION	5,983	3,984	502	(1.407)	No explanation required.
Alaska	Air Force	CAMPION AIR FORCE STATION	24,406	14.692	2.762	() - /	No explanation required.
Alaska	All Force	CAMPION AIR FORCE STATION	24,400	14,092	2,702	(0,932)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
Nam Marris	A:	CANINIONI	70.000	04.044	40.004	40.070	Unrelated to Change in Scope – Change in cost estimating methodology or
New Mexico	Air Force	CANNON	76,200	81,241	13,631	18,672	model.
Florido	Air Fores	CAPE CANAVERAL AIR FORCE	040.000	107 507	0.400	(40.750)	No explanation required
Florida	Air Force	STATION	210,360	187,507	3,103	(19,750)	No explanation required.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
04-4-	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Dance w/a\
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
l	1	CAPE LISBURNE LONG RANGE				,,	
Alaska	Air Force	RADAR SITE	2,992	2,412	58	(522)	No explanation required.
A1 1	A : -	CAPE NEWENHAM LONG RANGE RADAR SITE	40.004	7 000	000	(5.000)	No explanation required
Alaska	Air Force	CAPE ROMANZOF LONG	13,684	7,620	832	(5,232)	No explanation required.
Alaaka	Air Force	RANGE RADAR SITE	40,653	13,978	7,690	(10.005)	No explanation required.
Alaska Texas	Air Force	CARSWELL	5,349	5,229			No explanation required.
California	Air Force	CASTLE	77,933	69,068			No explanation required.
California	All I olce	0/10/122	77,955	09,000	1,551	(1,554)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
North Dakota	Air Force	CAVALIER AIR FORCE STATION	0	2,744	2,648	5.392	additional risk, additional sampling). 2) New Site.
Illinois	Air Force	CHANUTE	57,915	45,722	627	,	No explanation required.
Alaska	Air Force	CHENA RIVER	385	162	12		No explanation required.
Alaska	Air Force	CLEAR AIR FORCE STATION	9,497	9,067	371	(59)	No explanation required.
		COLD BAY LONG RANGE				,	
Alaska	Air Force	RADAR SITE	6,701	3,799	84	(2,818)	No explanation required.
							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
	l		44.074	40.000	4 -00		or approval). 3) New Site. 4) Cost Estimate Change Unrelated to Change in
Mississippi	Air Force	COLUMBUS AIR FORCE BASE	11,274	13,999	1,593	4,318	Scope – Change in cost estimating methodology or model.
							1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) 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
Nevada	Air Force	CREECH AIR FORCE BASE	2,945	7,345	54	1 151	schedule.
Nevaua	All Force	CREECH AIR I ORGE BAGE	2,943	7,545	54	4,434	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Change in cost estimating methodology or
		DAVIS-MONTHAN AIR FORCE					model. 4) Cost Estimate Change Unrelated to Change in Scope – Change in
Arizona	Air Force	BASE	11,139	14,186	6,912	9,959	contract or contract method.
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Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
.	DoD		Estimate	Cost	Funds	Estimate	- 4
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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). 3) New Site. 4) Cost
							Estimate Change Unrelated to Change in Scope – Change in cost estimating
Georgia	Air Force	DOBBINS AIR FORCE BASE	10,415	26,913	1,939	18,437	methodology or model.
	l	DOV (ED. AUD EODOE DA OE	405.400			04.4==	1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
Delaware	Air Force	DOVER AIR FORCE BASE	125,160	148,838	7,799	31,477	in cost estimating methodology or model.
		DRIFTWOOD BAY RADIO RELAY	0.504	5 440	4.40	(4.000)	No combando de la compansión de
Alaska	Air Force	STATION DULUTH INTERNATIONAL	6,591	5,113	148	(1,330)	No explanation required.
Minnocoto	Air Force	AIRPORT	2.460	1,221	70	(4.460)	No explanation required.
Minnesota	Air Force	DUNCAN CANAL RADIO RELAY	2,460	1,221	70	(1,169)	No explanation required.
Alaska	Air Force	STATION (RRS)	2,107	991	15	(1 101)	No explanation required.
Alaska	All Force	STATION (ICIO)	2,107	991	15	(1,101)	New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) Cost Estimate Change Unrelated
Texas	Air Force	DYESS	15,672	17,898	926	3 152	to Change in Scope – Change in contract or contract method.
Arkansas	Air Force	EAKER	27,852	20,599	1,840		No explanation required.
Alaska	Air Force	EARECKSON AIR FORCE BASE	123,200	61,163	7,294		No explanation required.
California	Air Force	EDWARDS AIR FORCE BASE	587,173	488,233	21,575	/	No explanation required.
			, , ,		,	_ / /	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) New Site. 4) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 5) 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
Florida	Air Force	EGLIN	63,888	64,216	8,009		be caused by changes in schedule.
Alaska	Air Force	EIELSON AIR FORCE BASE	490,277	311,477	20,118		No explanation required.
South Dakota	Air Force	ELLSWORTH AIR FORCE BASE	94,331	56,954	17,892	/	No explanation required.
Louisiana	Air Force	ENGLAND	37,644	32,862	406		No explanation required.
Washington	Air Force	FAIRCHILD AIR FORCE BASE	101,956	84,329	9,400	(8,227)	No explanation required.
Myomin ~	Air Force	FRANCIS E WARREN AIR FORCE BASE	60.007	E4 047	4 500	(40.470)	No explanation required
Wyoming Alaska	Air Force Air Force	GALENA	69,827 220,661	51,847 167,348	4,508 5,893		No explanation required. No explanation required.
Wisconsin	Air Force	GEN B MITCHELL	10,488	9,327	120	,	No explanation required.
Ohio	Air Force	GENTILE	9,870	9,327	228	/	No explanation required.
OHIO	All Folce	OLIVIILL	9,070	9,030	220	(004)	110 CAPIGNATION TOQUILEG.

	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
			(4000)	(+000)	(+000)		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
California	Air Faras	GEORGE	99.124	100 429	1 252		initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
California Arizona	Air Force Air Force	GOLDWATER RANGE	3,606	100,438 3,562	1,353 24	,	No explanation required.
Texas	Air Force	GOODFELLOW	8,185	5,352	733		No explanation required.
Толас	7 11 1 0100	GRAND FORKS AIR FORCE	0,100	0,002	7.00	(2,100)	i to orphanauon roquinoui
North Dakota	Air Force	BASE	18,876	15,929	1,318	(1,629)	No explanation required.
		GRANITE MOUNTAIN RADIO	·	•	-	<u> </u>	
Alaska	Air Force	RELAY STATION	8,479	5,827	108	(2,544)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Change in cost estimating methodology or
							model. 4) Cost Estimate Change Unrelated to Change in Scope – Actual
la di sa s	A:-	GRISSOM ARB	20.004	04 044	4 540		contract cost for prior or ongoing work is greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Indiana Alabama	Air Force Air Force	GUNTER AIR FORCE BASE	22,694 4,304	21,611 2,820	1,516 60		No explanation required.
Alabama	All Force	GONTER AIRT ORGE BASE	4,304	2,020	60		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). 2) New Site.
							3) Cost Estimate Change Unrelated to Change in Scope – Change in cost
Massachusetts	Air Force	HANSCOM	41,645	46,922	1,138		estimating methodology or model.
Utah	Air Force	HILL AIR FORCE BASE	450,213	354,059	20,114	(76,040)	No explanation required.
New Mexico	Air Force	HOLLOMAN	29,804	24,207	3,281	(2,316)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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). 3) New Site. 4) Cost
							Estimate Change Unrelated to Change in Scope – Change in cost estimating
Florida	Air Force	HOMESTEAD	36,624	35,865	1,416		methodology or model.
i iorida	7 1 0100		55,024	00,000	1,710		Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) New
	1						Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost
	1						estimating methodology or model. 4) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
	1						the prior estimate. This additional cost may also be caused by changes in
Florida	Air Force	HURLBURT FIELD	12,479	17,964	1,735	7,220	schedule.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
04-4-	DoD	In a fall of an Mana	Estimate	Cost	Funds	Estimate	B(-)
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
	-		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
Alaska	Air Force	INDIAN MOUNTAIN RESEARCH	16,505	11,105	1,322	(4,078)	No explanation required.
							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) Cost Estimate Change Unrelated to
Maryland	Air Force	JB-ANDREWS	141,983	158,291	3,221		Change in Scope – Change in cost estimating methodology or model.
Massachusetts	Air Force	JB-CAPE COD	56,917	28,526	5,236		No explanation required.
South Carolina	Air Force	JB-CHARLESTON-AIR	42,212	29,391	2,735		No explanation required.
South Carolina	Air Force	JB-CHARLESTON-WEAPONS	51,501	38,306	3,030	(10,165)	No explanation required.
Alaska	Air Force	JBER-ELMENDORF	340,936	302,976	8,180	(29,780)	No explanation required.
Alaska	Air Force	JBER-RICHARDSON	96,167	86,404	3,311	(6,452)	No explanation required.
							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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Change in cost estimating methodology or
Virginia	Air Force	JBLE-EUSTIS	21,804	25,037	1,744	4.977	model.
Virginia	Air Force	JBLE-LANGLEY	17,039	15,750	414		No explanation required.
New Jersey	Air Force	JBMDL-DIX	21,895	15,308	3,602	(2,985)	No explanation required.
New Jersey	Air Force	JBMDL-LAKEHURST	29,499	26,082	5,320	1,903	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) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or
New Jersey	Air Force	JBMDL-MCGUIRE	148,122	137,584	17,274	6.736	model.
Texas	Air Force	JBSA-CAMP BULLIS	15,821	12,079	243	(3,499)	No explanation required.
			,	•		, · ,	1) Cost Estimate Change Unrelated to Change in Scope – Change in cost
							estimating methodology or model. 2) Cost Estimate Change Unrelated to
Texas	Air Force	JBSA-FORT SAM HOUSTON	5,423	10,058	108	4,743	Change in Scope – Change in contract or contract method.
Texas	Air Force	JBSA-LACKLAND	47,498	38,547	1,225		No explanation required.
	1		,	•	,		1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) Cost Estimate Change Unrelated
Texas	Air Force	JBSA-RANDOLPH	14,468	13,894	1,086	512	to Change in Scope – Change in contract or contract method.
L	1	1	, .00	-,-3.	.,		

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

21.1	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
		JOHN C. STENNIS SPACE					
Mississippi	Air Force	CENTER	1,085	784	18		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Johnston Atoll	Air Force	JOHNSTON ATOLL	21,260	19,984	1,838		additional risk, additional sampling).
Hawaii	Air Force	KAENA POINT	5,175	4,481	318		No explanation required.
Tawan	All Toloc	KALAKAKET CREEK RADIO	5,175	7,701	310	(070)	The explanation required.
Alaska	Air Force	RELAY STATION	2,438	1,828	98	(512)	No explanation required.
riadita	7 111 1 0100		2,100	1,020	00	(0.2)	, vo orpianianon roquinou.
							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). 3) New Site. 4) Cost Estimate Change Unrelated to Change in
Mississippi	Air Force	KEESLER	8,648	8,876	696		Scope – Change in cost estimating methodology or model.
Texas	Air Force	KELLY	111,801	88,388	892		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Michigan	Air Force	KI SAWYER	68,516	74,234	1,379		additional risk, additional sampling).
Alaska	Air Force	KING SALMON	56,829	41,194	3,303	_ , ,	No explanation required.
New Mexico	Air Force	KIRTLAND KOTZEBUE LONG RANGE	126,651	109,571	14,917	(2,163)	No explanation required.
Alaaka	Air Force	RADAR SITE	7 7/12	5 5 70	129	(2.026)	No explanation required.
Alaska Alaska	Air Force	LAKE LOUISE	7,743 6,814	5,578 5,212	74	· · · /	No explanation required.
Texas	Air Force	LAUGHLIN	36,661	30.026	790	<u> </u>	No explanation required.
TCAGS	All 1 0100	EXCONENT	30,001	30,020	730	(0,040)	The explanation required.
Arkansas	Air Force	LITTLE ROCK AIR FORCE BASE	26,974	22,291	418	(4 265)	No explanation required.
, artarroad	7 0.00		20,011				Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Maine	Air Force	LORING	37,108	90,693	899	54,484	schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Colorado	Air Force	LOWRY	6,418	21,696	120	15,398	additional risk, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Arizona	Air Force	LUKE	13,372	15,940	9,671		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) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Florida	Air Force	MACDILL	45,232	63,663		19,689	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) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Washington	Air Force	MAKAH AIR FORCE STATION	18,741	13,426	157	(5,158)	No explanation required.
Montana	Air Force	MALMSTROM AIR FORCE BASE	24,286	18,000	2,524	(3,762)	No explanation required.
California	Air Force	MARCH	123,611	125,368	7,149	8,906	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. 5) 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. Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
California	Air Force	MATHER	137,338	155,135	3,139	20,936	cleanup, additional risk pathway 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	Air Force	MAXWELL	35,208	15,427	556		No explanation required.
California	Air Force	MCCLELLAN	164,435	162,701	3,384		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). 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Kansas	Air Force	MCCONNELL AIR FORCE BASE	35,778	30,697	3,141		No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	(4)
Minnesota	Air Force	MINNEAPOLIS ARS	2,683	1,770	36		No explanation required.
North Dakota	Air Force	MINOT	52,421	36,347	1,487	(14,587)	No explanation required.
Georgia	Air Force	MOODY AIR FORCE BASE	65,604	54,598	4,366	(6,640)	No explanation required.
		MOUNTAIN HOME AIR FORCE					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). 3) New Site. 4) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 5) 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
Idaho	Air Force	BASE	47,245	43,699	3,716	_	schedule.
Alaska	Air Force	MURPHY DOME	6,711	4,063	186	(-, /	No explanation required.
South Carolina	Air Force	MYRTLE BEACH	31,202	29,468	1,057	(677)	No explanation required.
Alaska	Λ:- -	NAKNEK RECREATIONAL CAMP	4 405	000	4.5	(20.4)	No explanation required
Alaska	Air Force		1,195	896	15		No explanation required. 1) Project Scope – Added cleanup phases as the project progresses (e.g.,
Alaska	Air Force	NAKNEK RECREATIONAL CAMP	7,859	10,554	1,386	4,081	feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Nevada	Air Force	NELLIS AIR FORCE BASE	31,282	28,255	7,897	4,870	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) New Site. 3) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. 4) 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	NEW BOSTON	4,800	5,861	936	1,997	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). Standard Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Ohio	Air Force	NEWARK	8,437	7,918	148	(371)	No explanation required.
New York	Air Force	NIAGARA FALLS	10,767	12,212	556		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). Ost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
		NIKOLSKI RADIO RELAY					
Alaska	Air Force	STATION	16,835	12,375	1,222	(3,238)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	`,
South Carolina	Air Force	NORTH AUXILIARY AIRFIELD	0	1,965	934		New Site.
		NORTH RIVER RADIO RELAY					
Alaska	Air Force	STATION	8,143	4,538	420	(3,185)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
0 115		NODTON	10.110	0.4. = 0.0		40.00-	initiated by DoD), change in future property reuse, site reopened to address
California	Air Force	NORTON	12,449	31,508	578		additional risk, additional sampling).
Nebraska	Air Force	OFFUTT	70,235	53,742	9,971	,	No explanation required.
Illinois	Air Force	OHARE OLIKTOK RADIO RELAY	29,583	26,157	143	(3,283)	No explanation required.
Alaaka	Air Force	STATION	11,576	10,943	89	(511)	No explanation required.
Alaska	All Force	STATION	11,370	10,943	09	(544)	INO explanation required.
							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) New Site. 4) Cost Estimate Change Unrelated to
Florida	Air Force	PATRICK AIR FORCE BASE	43,318	47,427	812	4,921	Change in Scope – Change in cost estimating methodology or model.
							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) 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
New Hampshire	Air Force	PEASE	191,568	195,539	10,145	14 116	schedule.
Ttow Hamponio	7 111 1 0100	. 2.182	101,000	100,000	10,110	11,110	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
Colorado	Air Force	PETERSON AIR FORCE BASE	110,274	125,203	14,538	-, -	additional risk, additional sampling). 2) New Site.
New York	Air Force	PLATTSBURGH	113,388	93,078	4,622	(15,688)	No explanation required.
		POINT ARENA AIR FORCE					
California	Air Force	STATION	2,908	1,959	36	(913)	No explanation required.
Alaska	A:	POINT BARROW LONG RANGE	4.007	4 = 7.1	40	(077)	No evalenation required
Alaska	Air Force	RADAR	1,897	1,571	49	(277)	No explanation required. Project Scope – Added cleanup phases as the project progresses (e.g.,
Alaska	Air Force	POINT LAY	27 240	61 111	109	2/ 171	feasibility study or remedial action operation added to project scope).
Alaska	Air Force	PORT HEIDEN RADIO RELAY	27,349	61,411	109	34,171	reasibility study of refficular action operation added to project scope).
Alaska	Air Force	STATION	36,947	19,579	553	(16.815)	No explanation required.
			,			_ , ,	
			,	,	,	_ , ,	·
Texas Missouri	Air Force Air Force	REESE RICHARDS-GEBAUR	404,076 12,863	373,641 11,587	18,929 120	_ , ,	No explanation required. No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
-	DoD		Estimate	Cost	Funds	Estimate	
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Ohio	Air Force	RICKENBACKER	10,629	45,094	323		schedule.
Georgia	Air Force	ROBINS	106,709	87,847	8,024		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to Change in
New York	Air Force	ROME RESEARCH SITE	49,767	52,406	2,373		Scope – Change in cost estimating methodology or model.
			,	,	_,_,_	-,	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
New York	Air Force	ROSLYN	4,305	4,466	53	214	or approval).
	7 1 0.00		.,000	.,			Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		SAN DIEGO SPACE					initiated by DoD), change in future property reuse, site reopened to address
California	Air Force	SURVEILLANCE FIELD STATN	763	944	190		additional risk, additional sampling).
Colorado	Air Force	SCHRIEVER AIR FORCE BASE	0	1.728	3.056		New Site.
Illinois	Air Force	SCOTT AIR FORCE BASE	62,517	41,551	2,542	,	No explanation required.
		SEYMOUR JOHNSON AIR	,	•	,		
North Carolina	Air Force	FORCE BASE	15,975	11,696	709	(3,570)	No explanation required.
							1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) Cost Estimate Change Unrelated
South Carolina	Air Force	SHAW AIR FORCE BASE	76,905	81,711	9,486	14,292	to Change in Scope – Change in contract or contract method.
			·	•		•	1) New Site. 2) Cost Estimate Change Unrelated to Change in Scope – Change
							in cost estimating methodology or model. 3) Cost Estimate Change Unrelated
Texas	Air Force	SHEPPARD	9,093	9,967	427		to Change in Scope – Change in contract or contract method.
		SPARREVOHN AIR FORCE					
Alaska	Air Force	STATION	5,859	4,388	120	(1,351)	No explanation required.
		SUNDANCE AIR FORCE					
Wyoming	Air Force	STATION	2,330	2,031	112	(187)	No explanation required.
Alaska	Air Force	TATALINA AIR FORCE STATION	27,946	12,975		/	No explanation required.
Oklahoma	Air Force	TINKER	106,019	77,274	6,943	(21,802)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
			(+	(+000)	(+)	(4000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Change in cost estimating methodology or
California	Air Force	TRAVIS AIR FORCE BASE	134,310	238,000	6,428	110,118	
California	Air Force	TULELAKE OTHB RADAR SITE	107	0	97	, ,	No explanation required.
Florida	Air Force	TYNDALL	157,604	112,379	16,340	(28,885)	No explanation required.
							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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is
Calamada	A:	USAF ACADEMY	40.000	04.000	100	0.454	greater than the prior estimate. This additional cost may also be caused by changes in schedule.
Colorado Oklahoma	Air Force Air Force	IVANCE	19,862 46.033	21,833 36,535	180 2,396		No explanation required.
California	Air Force	VANDENBERG	201.120	165,252	11,551	\	No explanation required.
Wake Island	Air Force	WAKE ISLAND AIRFIELD	11,195	6,615		()- /	No explanation required.
Alaska	Air Force	WEST NOME TANK FARM	10,692	5,263	200	(, ,	No explanation required.
Alaska	All 1 0100	WEST NOME TANKTAKO	10,032	3,203	200	(3,223)	1) 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). 2) New Site.
							3) Cost Estimate Change Unrelated to Change in Scope – Change in cost
Massachusetts	Air Force	WESTOVER	2,769	4,665	71		estimating methodology or model.
			=,: 55	1,000		.,	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) New Site. 3) Cost Estimate Change
							Unrelated to Change in Scope – Change in cost estimating methodology or
							model. 4) Cost Estimate Change Unrelated to Change in Scope – Actual
							contract cost for prior or ongoing work is greater than the prior estimate. This
Missouri	Air Force	WHITEMAN AIR FORCE BASE	12,025	17,278	872	6,125	additional cost may also be caused by changes in schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
	I			_			initiated by DoD), change in future property reuse, site reopened to address
Arizona	Air Force	WILLIAMS	59,286	65,708	3,511	9,933	additional risk, additional sampling).
L	l	WILLOW GROVE AIR FORCE					<u></u>
Pennsylvania	Air Force	RESERVE	3,032	2,901	89	(42)	No explanation required.
Dammardi	Ain Fauss	WILLOW CROVE AND	00.400	04 477	400	4 450	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Pennsylvania	Air Force	WILLOW GROVE ANG WRIGHT PATTERSON	23,493	24,477	168		estimating methodology or model. No explanation required.
Ohio	Air Force	WINGHI FALLERSON	135,039	99,499	8,757	(20,783)	no expianation required.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
			iiiiatioii (\$000)	(\$000)	(\$000)		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Michigan	Air Force	WURTSMITH	241,537	244,211	17,347	20,021	additional risk, additional sampling).
Wilchigan	All I OICE	WORTENMITT	241,337	244,211	17,547	20,021	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
Maryland	DLA	CURTIS BAY	3,973	5,492	264	1 783	may also be caused by changes in schedule.
iviai yiai iu	DLA	CONTIOURI	3,913	3,492	204	1,703	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		DD SAN JOACHUN TRACY					
0 - 115 1 -	DI A	DD SAN JOAQUIN, TRACY	40.470	44.704	4.057	000	initiated by DoD), change in future property reuse, site reopened to address
California	DLA	FACILITY	12,472	11,724	1,657	909	additional risk, additional sampling).
		DD OLIOOUELLANDIA NEW					Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
L	L	DD SUSQUEHANNA, NEW					prior or ongoing work is greater than the prior estimate. This additional cost
Pennsylvania	DLA	CUMBERLAND FAC.	1,219	5,710			may also be caused by changes in schedule.
Alaska	DLA	DLA ENERGY	2,536	2,291	166	(- /	No explanation required.
New Hampshire	DLA	DLA ENERGY	305	30	23	(252)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
New York	DLA	DLA ENERGY	0	28	560	588	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		DLA PACIFIC, ARCTIC					initiated by DoD), change in future property reuse, site reopened to address
Alaska	DLA	SURPLUS	1,937	2,368	8		additional risk, additional sampling).
			,				Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Ohio	DLA	DSC COLUMBUS	873	945	595		additional risk, additional sampling).
01110	D L ,		0.0	0.10	000		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Pennsylvania	DLA	DSC PHILADELPHIA	54,282	52,471	2,207		additional risk, additional sampling).
Virginia	DLA	DSC RICHMOND	33,480	27,002	1,112		No explanation required.
viigiilia	DLA	DOG INIOINIDIAD	33,400	21,002	1,112	(3,306)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Maina	TUDE	AF GAT	10 040	11 707	255	1 750	additional risk, additional sampling).
Maine	FUDS	AF GAT	10,340	11,737	355	1,752	auditional nak, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
.	DoD		Estimate	Cost	Funds	Estimate	.
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
	E	AE DADAD TDAOKING GTATION			0.40	4 0-0	initiated by DoD), change in future property reuse, site reopened to address
Maine	FUDS	AF RADAR TRACKING STATION	6,950	7,978	348		additional risk, additional sampling).
Washington	FUDS	AIR FORCE PLANT NO 75	14	14	6	6	No explanation required.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							1, 2
		AIR-TO-GROUND GUN RANGE					cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Florida	FUDS	IN BRONSON	1,706	1 72/	10	20	additional risk, additional sampling).
Fiorida	FUDS	AIR-TO-GROUND GUN RANGE	1,700	1,734	10	30	Project Scope – Added cleanup phases as the project progresses (e.g.,
Florida	FUDS	PINELLAS	97	737	46	686	feasibility study or remedial action operation added to project scope).
Florida	FUDS	FINELEAS	97	131	40	000	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	AKUTAN	202	996	96	800	additional risk, additional sampling).
Alaska	1 000	711017111	202	990	90	090	additional risk, additional sampling).
California	FUDS	ALMADEN AIR FORCE STATION	17	0	11	(6)	No explanation required.
Alaska	FUDS	AMAKNAK	19,038	11,523	211	(7,304)	No explanation required.
			,	•		,	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	AMCHITKA AF AUXILIARY FIELD	39,669	39,889	68	288	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	ANIAK ARPT	227	380	2	155	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wisconsin	FUDS	ANTIGO AIR FORCE STATION	4,836	12,326	1,525	9,015	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
[cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Oklahoma	FUDS	ARDMORE AIR FORCE BASE	219	732	88		additional risk, additional sampling).
Guam	FUDS	AREA 101	20,408	16,620	366		No explanation required.
Maryland	FUDS	ASSATEAGUE ISLAND	2,805	0	123	(, ,	No explanation required.
Alaska	FUDS	ATKA AF AUX FLD	58,035	48,506	654	(8,875)	No explanation required.

04-4-	DoD	In stallation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Process(s)
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
		ATLANITIC CITY/NAC		0.144		100	Cost Estimate Change Unrelated to Change in Scope – Change in cost
New Jersey	FUDS	ATLANTIC CITY NAS	8,077	8,141	72		estimating methodology or model.
Oklahoma	FUDS	ATLAS MISSILE NO. 5	1,678	1,544	36	(98)	No explanation required.
Texas	FUDS	ATLAS MISSILE NO.7 (K06OK0407)	1,097	960	35	(102)	No explanation required.
American Samoa	FUDS	AUA FUEL FARM	13,345	21,927	7,611	16,193	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	AVON PARK ARMY AIRFIELD	1,222	1,194	70	42	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
California	FUDS	BASIC TRAINING CENTER NO. 8	27	0	63	36	No explanation required.
California	FUDS	BAYWOOD PARK TRAINING AREA	2,906	894	31	(, ,	No explanation required.
California	FUDS	BEALE AFB TITAN 1-A	14,583	13,615	709	(259)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Virgin Islands of the	FUDS	BENEDICT FIELD	4,030	4,026	65	61	estimating methodology or model.
	EUD O	DENIGIA ADOENAL	4040	00.040	050	40.450	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) Cost Estimate Change Unrelated to
California	FUDS	BENICIA ARSENAL	4,348	22,249	258		Change in Scope – Change in cost estimating methodology or model.
Alaska	FUDS	BETHEL ARPT	2,178	141	69	(1,968)	No explanation required.
South Dakota	FUDS	BLACK HILLS ORD DPT	10,926	28,405	2,085	19,564	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	178,933	179,162	5,850	6,079	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Rhode Island	FUDS	BLUE BEACH	3,614	5,958	86	2,430	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	22,606	22,814	130	338	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Percenta)
State	Component	installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
l	FUDO	DOIGE ADMY BADDACKS	47.750	10 501	4 0 4 0		initiated by DoD), change in future property reuse, site reopened to address
Idaho	FUDS	BOISE ARMY BARRACKS	17,753	16,521	4,213		additional risk, additional sampling).
0 - 116 1 -	FUDO	DODDEGO CDDINGS	40.040	40.474	400		Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	BORREGO SPRINGS BOSTWICK BOMB TARGET	42,010	42,171	169		estimating methodology or model. No explanation required.
Florida	FUDS FUDS	BOWLING GREEN GF ANX	9,548	8,589	96 62		
Missouri	FUDS	BOWLING GREEN GF ANX	388	63	62		No explanation required. Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Louisiana	FUDS	BREEZY HILL ARTLY RG	21,678	22,018	22		additional risk, additional sampling).
Louisiana	FUDS	BREEZT HILL ARTLT KG	21,070	22,010	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). 2) Cost Estimate Change Unrelated to
Alabama	FUDS	BROOKLEY AFB U SO ALA	6,110	5,748	1,694		Change in Scope – Change in cost estimating methodology or model.
Colorado	FUDS	BUCKLEY FIELD	48,375	42,823	2,020		No explanation required.
Virginia	FUDS	BUCKROE BEACH	1,011	732	46	(-,)	No explanation required.
Virginia	1 000	BOOKKOE BEKON	1,011	702	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
New Jersey	FUDS	BURLINGTON AAP	890	1,423	67		additional risk, additional sampling).
	1.020		000	.,.20	<u>. </u>		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
Florida	FUDS	BUSHNELL ARMY AIRFIELD	1,586	4,187	730		may also be caused by changes in schedule.
Alaska	FUDS	BUSKIN BCH-KODIAK ISL	22,383	10,389	507		No explanation required.
North Carolina	FUDS	BUXTON NAVAL FACILITY	2,066	873	171	(1,022)	No explanation required.
Alaska	FUDS	CAINES HEAD, FT MCGILV	71	12	9	(50)	No explanation required.
						, ,	1) Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
	1						cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
	1						the prior estimate. This additional cost may also be caused by changes in
California	FUDS	CAMARILLO AIRPORT	4.659	4.664	260	265	schedule.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
04-4-	DoD	Installation Name	Estimate	Cost	Funds	Estimate	P/a\
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
Oregon	FUDS	CAMP ADAIR/ADAIR AFS	56,193	63,748			Change in Scope – Change in cost estimating methodology or model.
California	FUDS	CAMP BEALE	100,821	99,228	293		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Florida	FUDS	CAMP BLANDING	61,855	58,611	5,055		additional risk, additional sampling).
Texas	FUDS	CAMP BOWIE	44,652	39,497	44	<u> </u>	No explanation required.
Kentucky	FUDS	CAMP BRECKINRIDGE	79,041	75,040	1,385		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Arkansas	FUDS	CAMP CHAFFEE	81	594	25		additional risk, additional sampling).
Massachusetts	FUDS	CAMP EDWARDS	650	452	22		No explanation required.
California	FUDS	CAMP ELLIOT	42,882	30,523	241		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
		CAMP ELLIS MILITARY					cleanup, additional risk pathway such as vapor intrusion (that is required and
III::-	FUDS	CAMP ELLIS MILITARY RESERVATION	9,334	12,505	312		initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois Florida	FUDS	ICAMP GORDON JOHNSTON	9,334 12.738	953	37		No explanation required.
Florida	FUDS	CAMP GONDON SOTINGTON	12,730	900	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
Colorado	FUDS	CAMP HALE	142,284	186,218	396		additional risk, additional sampling).
Colorado	1 000	C7 (1VIII	142,204	100,210	330		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) Cost Estimate Change Unrelated to Change in Scope –
Texas	FUDS	CAMP HOWZE (FELDERHOFF)	218,706	229,681	157		Change in cost estimating methodology or model.
California	FUDS	CAMP IBIS (CAMA)	2,462	1,036	37		No explanation required.
		(- /	<u></u>	.,300	<u> </u>		Project Scope – Added cleanup phases as the project progresses (e.g.,
							feasibility study or remedial action operation added to project scope). 2) Cost
							Estimate Change Unrelated to Change in Scope – Change in cost estimating
Louisiana	FUDS	CAMP LIVINGSTON	25,192	29,898	66		methodology or model.
			23,:02		. 30	.,	· · · · · · · · · · · · · · · · · · ·

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for	Cost Estimate	Funds Obligated	Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
		CAMP LUCAS / FT BRADY	(4000)	(4000)	(4555)	(4000)	
Michigan	FUDS	TARGET RANGE	7,616	7,380	110		No explanation required.
Texas	FUDS	CAMP MAXEY	37,629	26,319	5,719		No explanation required.
Puerto Rico	FUDS	CAMP O'REILLY	2,238	294	80	\ ' /	No explanation required.
Arkansas	FUDS	CAMP ROBINSON/CAMP PIKE	133,352	128,368	1,127	(3,857)	No explanation required.
0 115		CAMP CAN LLUC OPIODO	44.040		4=0		Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	CAMP SAN LUIS OBISPO	44,042	64,755	173	20,886	estimating methodology or model.
Ohia	FUDC	CAMP SHERMAN ARTILLERY RANGE	4.040	2 520	70	(0.44)	No explanation required
Ohio	FUDS	RANGE	4,246	3,529	76	(641)	No explanation required. Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Tayas	FUDS	CAMP SWIFT	77 560	00 200	95	2 0 4 2	additional risk, additional sampling).
Texas Georgia	FUDS	CAMP WHEELER	77,560 299,008	80,308 250,595	115		No explanation required.
Mississippi	FUDS	CAMP/FT MCCAIN	1,803	491	49	,	No explanation required.
iviississippi	FUDS	CAMP/I I MCCAIN	1,003	491	49	(1,203)	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,
Alaska	FUDS	CANOL PIPELINE	14,805	15,658	2,034	2 007	ladditional sampling).
Alaska	FUDS	CANOL FIFELINE	14,000	13,036	2,034	2,007	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		CAPE POGE LITTLE NECK					initiated by DoD), change in future property reuse, site reopened to address
Massachusetts	FUDS	BOMB TARGET SITE	2,373	1,964	681	272	additional risk, additional sampling).
Massacriuscus	1 000	BOIND TARGET SITE	2,010	1,504	001	212	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	CAPE PROMINENCE AWS	70	69	1,273	1.272	additional risk, additional sampling).
Alaska	FUDS	CAPE SARICHEF	2.659	542	16		No explanation required.
			,,,,,,	_		(, - ,	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
Alaska	FUDS	CAPE YAKAK RADIO STA	7,281	5,636	2,748	1,103	or approval).
Alaska	FUDS	CAPE YAKATAGA RRS	142	54	18	(70)	No explanation required.
		CARRINGTON ISLAND					Cost Estimate Change Unrelated to Change in Scope – Change in cost
Utah	FUDS	PRECISION BOMBING RANGE	5,666	10,573	122	5,029	estimating methodology or model.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	CARRIZO IMPACT AREA	150,758	164,852	163	14,257	estimating methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	· ·
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(+000)	(4000)	(+000)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Texas	FUDS	CASTNER RANGE	499	593	26	120	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Maine	FUDS	CASWELL AFS Z-80	621	1,002	239	620	additional risk, additional sampling).
Maine	FUDS	CHARLESTON AFS	7,044	1,520	822		No explanation required.
North Carolina	FUDS	CHARLOTTE ARMY MIS PL	20,042	13,774	1,407		No explanation required.
North Carolina	FUDS	CHARLOTTE NAV AMM DEPO	5,091	3,796	60		No explanation required.
TTOTAL CALONINA	1 000	OF WILL CONTROL OF THE TOTAL PROPERTY OF THE	0,001	0,700	00	(1,200)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	CHERNOFSKI HBR SUP&STO	26,585	28,341	208	1,964	additional risk, additional sampling).
			,	,		•	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
California	FUDS	CHICO ARMY AIRFIELD	264	31	383	150	additional risk, additional sampling).
							Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
		CHOPAWAMSIC TROOP					prior or ongoing work is greater than the prior estimate. This additional cost
Virginia	FUDS	TRAINING SITE	51,796	54,832	53	3,089	may also be caused by changes in schedule.
		0. = . = . =					Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
	EUDO.	CLEARFIELD NAVAL SUPPLY	0.7	00	050	004	prior or ongoing work is greater than the prior estimate. This additional cost
Utah	FUDS	DEPOT	37	82	259	304	may also be caused by changes in schedule.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Oklahoma	FUDS	CLINTON SHERMAN AFB	4,504	4,518	514	528	additional risk, additional sampling).
Alaska	FUDS	COLD BAY - FORT RANDALL	26,141	23,414	342		No explanation required.
	. 555		20,141	20,414	0-12	(=,000)	Cost Estimate Change Unrelated to Change in Scope – Change in cost
New York	FUDS	COLD SPRING FOUNDRY	6,772	6,826	210	264	estimating methodology or model.
South Carolina	FUDS	CONWAY BMB&GUNRY RNG	50,437	9,565	34		No explanation required.
			<u> </u>			, , ,	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
North Carolina	FUDS	COROLLA NAVAL TARGET	4,799	4,834	4	39	additional risk, additional sampling).
		CORRY ST USN TECH					Cost Estimate Change Unrelated to Change in Scope – Change in cost
Florida	FUDS	TRAINING	5,402	6,228	775	1,601	estimating methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
State	Component	installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Neason(s)
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	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
North Carolina	FUDS	CP BUTNER TRNG CMP	211,530	290,666	196	79,332	additional risk, additional sampling). 2) New Site.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
South Carolina	FUDS	CP CROFT	183,312	196,536	16,560	29,784	Change in Scope – Change in cost estimating methodology or model.
							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
New York	FUDS	CP HERO	23,197	24,160	1,277		may also be caused by changes in schedule.
Alabama	FUDS	CP SIBERT	47,752	45,828	70	_ , ,	No explanation required.
Massachusetts	FUDS	CP WELLFLEET	1,092	983	74	(35)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alabama	FUDS	CRAIG AFB	565	1,857	65	1,357	additional risk, additional sampling). 2) New Site.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Texas	FUDS	CUDDIHY FIELD	1,713	1,792	25	104	additional risk, additional sampling).
							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) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
		OLU EDDA DUEDTO DIOC					the prior estimate. This additional cost may also be caused by changes in
Puerto Rico	FUDS	CULEBRA PUERTO RICO	105,079	112,891	3,343		schedule.
Florida	FUDS	DALE MABRY AAF	735	727	10	2	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
A11	FUDO	DAVIC AED	20 =22	400.010	4 400	0.740	initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	DAVIS AFB DEAL TEST SITE	92,733	100,348	1,133		additional risk, additional sampling).
New Jersey	FUDS	DEAL 1EST SITE	0	0	132	132	No explanation required. Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
		DELAND NAVAL TRAINING					· · · · · · · · · · · · · · · · · · ·
Florido	FLIDS	DELAND NAVAL TRAINING CENTER	400	455		00	prior or ongoing work is greater than the prior estimate. This additional cost
Florida	FUDS	CENTER	132	155	57	80	may also be caused by changes in schedule.

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for Inflation (\$000)	Cost Estimate (\$000)	Funds Obligated (\$000)	Estimate Change (\$000)	Reason(s)
							Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
December Dise	FUDO	DESECUED ISLAND	0.074	40.005	400	407	prior or ongoing work is greater than the prior estimate. This additional cost
Puerto Rico	FUDS	DESECHEO ISLAND	9,971	10,035	403	467	may also be caused by changes in schedule. Project Scope – Added cleanup phases as the project progresses (e.g.,
South Carolina	FUDS	DONALDSON AFB	10,312	9,973	466	127	feasibility study or remedial action operation added to project scope).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Maina	FUDS	DOW MIL AF	6.095	6,813	536	1 25/	schedule.
Maine	FUDS	DOW WIL AF	6,095	0,013	330	1,254	Project Scope – Added cleanup phases as the project progresses (e.g.,
California	FUDS	D-Q UNIVERSITY	2.903	1,894	1,656	647	feasibility study or remedial action operation added to project scope).
California	1 000	DRY CANYON ARTILLERY	2,903	1,094	1,000	047	Project Scope – Added cleanup phases as the project progresses (e.g.,
California	FUDS	RANGE	38,068	39,257	48	1 237	feasibility study or remedial action operation added to project scope).
Gamornia	1 000	101102	00,000	00,201	40	1,207	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
North Carolina	FUDS	DUCK TARGET FACILITY	460	663	76	279	additional risk, additional sampling).
Alaska	FUDS	EIELSON FARM ROAD AAA SITE	552	476	77	1	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	EKLUTNA ARMY SITES	5,021	12,494	284	7,757	additional risk, additional sampling).
		EL CENTRO ROCKET TARGET					Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	NO. 2 (#93)	10,215	10,159			estimating methodology or model.
Florida	FUDS	ELLYSON FIELD	31	0	18	(- /	No explanation required.
Ohio	FUDS	ERIE ARMY DEPOT	501	498	14	11	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WAR AFB AF FAC S-6	2,644	7,351	1,643		additional risk, additional sampling).
Wyoming	FUDS	FE WAR AFB AF FAC SITE 5	4,314	3,878	126	(310)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
	1						(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WARREN AFB FAC SITE 1	28,325	25,303	3,676	654	additional risk, additional sampling).
vvyoning	ניטט	I E WARREN ALD LAG SITE I	20,323	25,303	3,070	034	additional nor, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
04-4-	DoD	In atallation Name	Estimate	Cost	Funds	Estimate	B/->
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Colorado	FUDS	FE WARREN AFB FAC SITE 11	2,099	5,210	760	3,871	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Calarada	FUDS	FE WARREN AFB FAC SITE 12	3,170	4,938	101		additional risk, additional sampling).
Colorado	FUD3	PE WARREN AFB FAC SITE 12	3,170	4,936	101		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WARREN AFB FAC SITE 2	37,904	74,838	1,029	37 963	additional risk, additional sampling).
· · · youring	. 050		01,001	7 1,000	1,020	01,000	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WARREN AFB FAC SITE 3	106,514	206,043	161	99,690	additional risk, additional sampling).
, ,			,	•		*	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WARREN AFB FAC SITE 4	39,527	99,473	526	60,472	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
	E D. O	EE MARREN AER EAG OITE 7		4=0	_		initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	FE WARREN AFB FAC SITE 7	86	152	/		additional risk, additional sampling).
Nebraska	FUDS	FE WARREN AFB FAC SITE 8	4,383	3,878	116	(389)	No explanation required. Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Missouri	FUDS	FEDERAL CENTER COMPLEX	13,114	13,940	84		additional risk, additional sampling).
MISSOUT	1 000	LESELVIE GENTER GOMI EEX	10,114	10,040	04	310	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Minnesota	FUDS	FINLAND AFS Z-69	2,474	9,388	37	6,951	additional risk, additional sampling).
		FIVE POINTS					Cost Estimate Change Unrelated to Change in Scope – Change in cost
Texas	FUDS	OLF(TWINPARKSESTATES)	1,471	1,479	53	61	estimating methodology or model.
Kansas	FUDS	FORBES AFB	8,405	7,938	399	(/	No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-01	3,169	2,843	48	(278)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
Kansas	FUDS	FORBES AFB ATLAS S-05	1,526	13,183	77	11,734	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Kansas	FUDS	FORBES AFB ATLAS S-07	1,390	1,648	218		additional risk, additional sampling).
Kansas	FUDS	FORBES AFB ATLAS S-08	531	60	407		No explanation required.
Kansas	FUDS	FORBES AFB ATLAS S-09	1,057	345			No explanation required.
		FOREST PARK RECREATION				` `	
Missouri	FUDS	CAMP	541	537	11		No explanation required.
Louisiana	FUDS	FORMER CAMP CLAIBORNE	30,482	23,406	124	(6,952)	No explanation required.
Toyon	FUDS	FORMER CAMP FANNIN	4 269	4 220	624		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) 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 Virgin Islands of t		FORMER FORT SEGARRA	4,268 126	4,328 98	634 41		No explanation required.
Virgin islands or t	11111003	I GRINERT GRI GEGARIKA	120	90	41	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
Alaska	FUDS	FORT BABCOCK, SITKA	2,948	3,055	78	185	may also be caused by changes in schedule.
Michigan	FUDS	FORT CUSTER REC/INDUSTRIAL AREAS	18,218	26,203	451		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) 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	ELIDS	FORT CUSTER VA AREA	5 567	0 222	90	2 044	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope).
Michigan Utah	FUDS	FORT DOUGLAS	5,567 7,596	7,609	89 153	,-	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).
Wyoming	FUDS	FORT FRANCIS E. WARREN TAR & MANEUVER RGE	5,079	7,918	45		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Alaska	FUDS	FORT GLENN	249,112	251,816	815	3,519	estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		FORT II O MIRIOUT	40.045	10010	400	400	initiated by DoD), change in future property reuse, site reopened to address
New York	FUDS	FORT H G WRIGHT	16,615	16,948	106	439	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
N	FUDO	FORT HANGOCK	40.004	40.000	040	004	initiated by DoD), change in future property reuse, site reopened to address
New Jersey	FUDS	FORT HANCOCK	10,291	10,933	219	861	additional risk, additional sampling). Cost Estimate Change Unrelated to Change in Scope – Change in cost
Arizono	FUDS	FORT HUACHUCA	19,427	7,414	13,297	1 201	estimating methodology or model.
Arizona New York	FUDS	FORT HUACHUCA	4,737	4,467	13,297	,	No explanation required.
New TOIK	1003	I OICI SAT	4,737	4,407	39	(211)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		FORT MILES MILITARY					initiated by DoD), change in future property reuse, site reopened to address
Delaware	FUDS	RESERVATION	27,044	27,583	34	573	additional risk, additional sampling).
Florida	FUDS	FORT PICKENS	29,229	762	52		No explanation required.
Alaska	FUDS	FORT ROUSSEAU, SITKA	22,387	10,995			No explanation required.
Florida	FUDS	FORT TAYLOR	18,942	4,224	809		No explanation required.
			-,-	,		(=) = = /	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	FORT TIDBALL/LONG ISLAND	426	346	2,731	2,651	additional risk, additional sampling).
		FORT WARD-BAINBRIDGE					
Washington	FUDS	ISLAND AAA BATTERY 7	290	57	240	7	No explanation required.
Texas	FUDS	FOSTER AIR FORCE BASE	531	508	4	(19)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) 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
Pennsylvania	FUDS	FRANKFORD ARSENAL	1,244	1,475	140	371	schedule.
							Project Scope – Added cleanup phases as the project progresses (e.g.,
Missouri	FUDS	FT CROWDER	6,166	6,241	26	101	feasibility study or remedial action operation added to project scope).

	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							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
		FT MYERS BOMB & GUN					initiated by DoD), change in future property reuse, site reopened to address
Florido	FUDE	RANGE	2 570	0.767	0.5		additional risk, additional sampling). 2) Cost Estimate Change Unrelated to
Florida Florida	FUDS FUDS	FT PIERCE NAVAL AMPH BASE	2,570 19.888	2,767 17.722	95 120		Change in Scope – Change in cost estimating methodology or model. No explanation required.
Fiorida	FUDS	FT FIERCE NAVAL AMFRIBASE	19,000	17,722	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
Montana	FUDS	GLASGOW AFB	7,952	8,560	26		additional risk, additional sampling).
Georgia	FUDS	GLYNCO NAS	248	0,500	54		No explanation required.
Coorgia	1 050	02000	2.10		0.1		Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
		GOLDEN GATE NATIONAL					prior or ongoing work is greater than the prior estimate. This additional cost
California	FUDS	RECREATION AREA	323	27	518		may also be caused by changes in schedule.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		GOPHER ORD PLT					initiated by DoD), change in future property reuse, site reopened to address
Minnesota	FUDS	ROSEMOUNT	43	136	112	205	additional risk, additional sampling).
Rhode Island	FUDS	GOULD ISLAND NUSC	1,826	3,758	502	2,434	New Site.
		GOVERNOR BACON HEALTH					
Delaware	FUDS	CENTER	53	69	4		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Oklahoma	FUDS	GR SALT PL BOMB RGE	613	621	39		additional risk, additional sampling).
		ODEAT OUTWAND	00.445	445 400			Cost Estimate Change Unrelated to Change in Scope – Change in cost
Alaska	FUDS	GREAT SITKIN ISL	93,145	115,490	3,686		estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Michigan	FUDS	GROSSE ILE NAS - NIKE D-51	6,000	7,207	523		additional risk, additional sampling).
Michigan	LODO	GROSSE ILE INAS - ININE D-31	6,096	7,207	523		Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	GUSTINE BOMBING RANGE	2,693	1,772	1,069		estimating methodology or model.
Calliullia	נעט ון	GOOTHAL DOMIDING NAME	2,093	1,112	1,009	140	Commany memodology of model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
	Component		Inflation (\$000)	(\$000)	(\$000)	(\$000)	
			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) Cost Estimate Change Unrelated to
							Change in Scope – Actual contract cost for prior or ongoing work is greater than
l., ,	FURO	LIAINEO EAIDDANIKO DIDELINE	45 507	40.400	4 700		the prior estimate. This additional cost may also be caused by changes in
Alaska	FUDS	HAINES FAIRBANKS PIPELINE	15,537	18,469	1,728	4,660	schedule. Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	HAMILTON ARMY AIRFIELD	20.262	20.202	933	052	estimating methodology or model.
California	FUDS	HAMILTON ARMY AIRFIELD	29,363	29,283	933	853	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Louisiana	FUDS	HAMMOND BOMBING RANGE	11,134	12,803	29		additional risk, additional sampling).
Louisiaria	F0D3	HANCOCK CO. BOMBING &	11,134	12,003	29	1,090	additional risk, additional sampling).
Mississippi	FUDS	GUNNERY RANGE	1,926	492	35	(1 399)	No explanation required.
Mississippi	1 0 0 0	HEEIA COMBAT TRAINING	1,020	702	- 00	(1,000)	- No onparious requires.
Hawaii	FUDS	CAMP	15,748	15,537	92	(119)	No explanation required.
Kansas	FUDS	HERINGTON AAF	795	713	90	\ - /	No explanation required.
Massachusetts	FUDS	HINGHAM NAD (ANNEX)	14,817	14,379	300	(138)	No explanation required.
		HOLTVILLE ROCKET TARGET					Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	1R (#94)	25,918	26,364	952		estimating methodology or model.
							Project Scope – Added cleanup phases as the project progresses (e.g.,
Georgia	FUDS	HOMERVILLE BMB&GNRY	7,253	7,288	95	130	feasibility study or remedial action operation added to project scope).
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Northern Mariana	FUDS	HOSPITAL DUMP SITE	2,205	2,629	168		estimating methodology or model.
1.14 - 1-	EUD0	LUIDDICANE MECA TECT CITE	0.004	0.000	4 700		Cost Estimate Change Unrelated to Change in Scope – Change in cost
Utah	FUDS	HURRICANE MESA TEST SITE	9,804	9,630	1,793	1,619	estimating methodology or model.
							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
Kansas	FUDS	HUTCHINSON NAS	3,589	9.606	75		so active remediation is needed, technology was ineffective).
	. 555	IL ORDNANCE PLANT (CRAB	5,505	5,550	, 3	3,002	
Illinois	FUDS	ORCHARD)	3,399	2,967	193	(239)	No explanation required.
		ĺ ,	.,,,,,	, , , , ,		\ 70/	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		IONA ISLAND NAVAL					initiated by DoD), change in future property reuse, site reopened to address
New York	FUDS	AMMUNITION DEPOT	4,794	6,694	173	2,073	additional risk, additional sampling).
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	IRVINE PARK- ARMY CAMP	17,610	15,561	2,984	935	estimating methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD Component	Installation Name	Estimate Adjusted for Inflation (\$000)	Cost Estimate (\$000)	Funds Obligated (\$000)	Estimate Change (\$000)	Reason(s)
Texas	FUDS	JAMES CONNALLY AFB	511	499	5	(7)	No explanation required.
Missouri	FUDS	JEFFERSON BARRACKS	664	831	17	184	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). Project Scope – Added requirements due to other site-level project change
Missouri	FUDS	KCDA NIKE BATTERY 10	126	23	146	43	(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Kontuelor	FUDS	KENTUCKY ORDNANCE WORKS	3,622	3,559	59	(4)	No explanation required.
Kentucky Michigan	FUDS	KINCHELOE AIR FORCE BASE	15.623	8.825	510		No explanation required.
Michigan	1 000	THINGI IEEGE / HITT OTTOE B/TOE	10,020	0,020	310	(0,200)	Project Scope – Added requirements due to other site-level project change
Arizona	FUDS	KINGMAN G TO G GUNNERY RANGE	8,249	8,959	127	837	(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	KINGSLEY FIRING RANGE ANNEX	768	756	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).
Missouri	FUDS	KIRKSVILLE AFS P-64	6,678	6,383	134	(161)	No explanation required.
New Mexico	FUDS	KIRTLAND AFB DEM BOMB RGE	1,473	1,480	335	342	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Northern Mariana	ELIDS	KOBLER NAVAL SUPPLY CENTER	12,205	8,877	346	(2.082)	No explanation required.
	FUDS	KODIAK NAVY/ARMY	41,048	37,961	1,831		No explanation required.
, iladika	. 555	LAKE BRYANT BOMB &	41,040	07,001	1,001	(1,200)	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Florida	FUDS	GUNNERY RANGE	713	733	44	64	estimating methodology or model.
New York	FUDS	LAKE ONTARIO ORDNANCE WORKS	323	408	547		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
	FUDS	LAKE WILMINGTON TARGET	4,863	4,067	9	, ,	No explanation required.
Texas	FUDS	LAREDO AFB	332	325	4	(-/	No explanation required.
Florida	FUDS	LEE FIELD	5,716	3,406	881	(1,429)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
C4-4-	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Pagagraph (a)
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	Designed Cooper Added as a visual sector despite a state of sector and sector as
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nobrooko	FUDS	LINCOLN AFB AF FAC S-1	2,181	3,072	66	057	additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AFB AFFAC 3-1	2,101	3,072	00	957	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nebraska	FUDS	LINCOLN AFB AF FAC S-10	8,360	9,147	547	1 334	additional risk, additional sampling).
rtobracka	1 020		0,000	0,111	017	1,001	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nebraska	FUDS	LINCOLN AFB AF FAC S-4	33,752	35,304	1,694	3,246	additional risk, additional sampling).
				·			Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nebraska	FUDS	LINCOLN AFB AF FAC S-6	10,017	9,733	394	110	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nebraska	FUDS	LINCOLN AFB AF FAC S-7	8,155	12,843	335	5,023	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Nebrooko	FUDS	LINCOLN AFB AF FAC S-8	384	1 724	80	1 120	additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AFB AFFAC 5-0	304	1,734	60	1,430	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Nebraska	FUDS	LINCOLN AFB AF FAC S-9	4,036	6,466	29	2.459	additional risk, additional sampling).
Nebraska	FUDS	LINCOLN AIR FORCE BASE	114	55	17		No explanation required.
		LOCKBOURNE AIR FORCE				` /	
Ohio	FUDS	BASE	21,752	17,336	2,323	(2,093)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
	1						(e.g., newly discovered contaminants, increased physical dimensions of the
	1						cleanup, additional risk pathway such as vapor intrusion (that is required and
	1	l					initiated by DoD), change in future property reuse, site reopened to address
New York	FUDS	LOCKPORT AFS	4,000	4,838	1,660	,	additional risk, additional sampling).
Guam	FUDS	LONFIT PLANNING PROJECT	55,338	54,782	19	(/	No explanation required.
Maine	FUDS	LOR AFB LAU AX	2,415	133	72	(2,210)	No explanation required.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
Ohio	FUDS	LORDSTOWN ORDNANCE DEPOT	5,487	4,421	1,040	(26)	No explanation required.
Offic	FUD3	BEFOI	5,467	4,421	1,040	(20)	Project Scope – Added requirements due to other site-level project change
Octoredo	FUDO	LOWDY AFR CA (COMPLEY AR)	470	0.407	0.4		(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Colorado	FUDS	LOWRY AFB S-1 (COMPLEX 1B)	478	3,187	64	2,773	additional risk, additional sampling). Project Scope – Added requirements due to other site-level project change
Colorado	FUDS	LOWRY AFB S-1 (COMPLEX 1C)	1,523	2,208	52		(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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-2 (COMPLEX 2C)	4,281	12,499	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).
Maine	FUDS	MACH GATR	2,518	3,068	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).
		MAKALAPA CRATER FORMER	_,0.0	0,000	Ť		
Hawaii	FUDS	NAVY SALVAGE YARD	5,285	4,589	99	(597)	No explanation required.
Virginia	FUDS	MANASSAS AIR FORCE COMM FACILITY	9,217	3,968	120		No explanation required.
Machinet -	FLIDS	MANCHESTER ANNEX	0.704	0.504	004		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Washington North Carolina	FUDS FUDS	MANTEO NAV AUX AIR ST	8,704 1,153	8,534 841	631 194		additional risk, additional sampling). No explanation required.
North Carolina	FUDS	WANTED NAV AUX AIN 31	1,153	641	194	(118)	no explanation required.
Pennsylvania	FUDS	MARIETTA AIR FORCE STATION	6,151	5,925	123	(103)	No explanation required.
Ohio	FUDS	MARION ENGINEER DEPOT	785	726	42		No explanation required.
Northern Mariana	FUDS	MARPI POINT FIELD	44,783	45,297	103		Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
			ππατιστι (ψοσο)	(ψοσο)	(4000)	(ψοσο)	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) Cost Estimate Change Unrelated to
							Change in Scope – Change in cost estimating methodology or model. 3) 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
California	FUDS	MOJAVE GUNNERY RANGE	59,362	88,130	4,597		be caused by changes in schedule.
West Virginia	FUDS	MORGANTOWN OW	196	157	1		No explanation required.
TTOOL TII gillia	. 020		100	107	·		Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway 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) Cost Estimate Change Unrelated to
Tennessee	FUDS	MOTLOW RANGE	1,568	1,590	692	714	Change in Scope – Change in cost estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
California	FUDS	MOUNT OWEN RIFLE RANGE	2,032	2,393	101		additional risk, additional sampling).
Camornia	. 020		2,002	2,000	101	102	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Massachusetts	FUDS	MOVING TAR MACH GUN RG	868	868	52		additional risk, additional sampling).
Alaska	FUDS	MT.EDGECUMBE/SITKA NOB	1,148	321	30	, ,	No explanation required.
Michigan	FUDS	MUSKEGON ORD PLANT	461	387	48	(26)	No explanation required.
							Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed.
North Carolina	FUDS	NAAS EDENTON	1,024	1,523	46	545	technology was ineffective).
Northern Mariana		NAFTAN BOMB STORAGE	140,982	18,117	176		No explanation required.
Northern Manana	1 000	TO THE POINT OF THE PERSON OF	140,502	10,117	170	(122,000)	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Northern Mariana	FUDS	NAFTAN ORDNANCE DISPOSAL	4,913	5,156	183	426	estimating methodology or model.
			•	·			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) Cost Estimate Change Unrelated to
		NAMES MOND OPPNANCE					Change in Scope – Actual contract cost for prior or ongoing work is greater than
Virginia	FUDS	NANSEMOND ORDNANCE DEPOT	17 222	19,092	1 007		the prior estimate. This additional cost may also be caused by changes in schedule.
Virginia	רטטט	DLI OI	17,333	19,092	1,887	3,040	soliculic.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Massachusetts	FUDS	NANTUCKET BCH	892	1 152	22		additional risk, additional sampling).
Georgia	FUDS	NAS ATLANTA	654	1,153 0	33 40		No explanation required.
Georgia	1 000	IVAO ATEANTA	034		40	(014)	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
New Jersey	FUDS	NAS CAPE MAY	480	532	123		additional risk, additional sampling).
·							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Oregon	FUDS	NAV AIR STA, TONGUE POINT	8,676	9,522	499		estimating methodology or model.
Florida	FUDS	NAVAL AIR STATION SANFORD	1,351	1,306	49	4	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Massachusetts	FUDS	NAVAL AMMO DEPOT	8,053	8,154	237	338	estimating methodology or model.
							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,
Rhode Island	FUDS	NAVAL AUX LANDING FIELD	8,839	11,075	191		additional sampling).
California	FUDS	NAVAL AUXILIARY AIR STATION	2.460	2.412	63		No explanation required.
-	. 525		2,.00				Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		NAVAL AUXILIARY AIR STATION					initiated by DoD), change in future property reuse, site reopened to address
California	FUDS	ARCATA	1,465	2,441	342	1,318	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
	EUD 0	NAVAL AUXILIARY AIR STATION					initiated by DoD), change in future property reuse, site reopened to address
California	FUDS	SANTA ROSA	787	7,630	414	7,257	additional risk, additional sampling).
							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
		NE CAPE (ST LAWRENCE					additional risk, additional sampling). 2) Cost Estimate Change Unrelated to
Alaska	FUDS	ISLAND)	7,621	10,215	180		Change in Scope – Change in cost estimating methodology or model.
Nebraska	FUDS	NEBRASKA ORDNANCE PLANT	260,510	235,658	5,051		No explanation required.
Nevada	FUDS	NELLIS SMALL ARMS RGE AX	50.834	50.159	217		No explanation required.
1107000	1, 000	TELLIO GIVI LE AITINO TOE AX	50,034	50,159	211	(400)	To oxplanation rogullou.

04-4-	DoD	In dellation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	D (a)
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Rhode Island	FUDS	NETC(MELVILLE IND FAC)	3,572	4,357	61		additional risk, additional sampling).
Virginia	FUDS	NEW RIVER ORDNANCE PLANT	6	0	2	(4)	No explanation required.
Virginia	1 000	NEW RIVER ORDINANCE LEARN	0	U		(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
		NEW YORK ORDNANCE					initiated by DoD), change in future property reuse, site reopened to address
New York	FUDS	WORKS	5,475	7,689	407		additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Maine	FUDS	NIKE 58	473	6,010	302	5,839	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
Maryland	FUDS	NIKE BA-30/31 (TOLCHESTER)	194	246	145	107	initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
New York	FUDS	NIKE BU 34/35	57	0			No explanation required.
New York	FUDS	NIKE BU 51/52	2,954	2,619			No explanation required.
Indiana	FUDS	NIKE C-32 - INDIANA DUNES	5,141	1,856	331		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
Indiana	FUDS	NIKE C-47 - HOBART	274	325	265		initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Illinois	FUDS	NIKE C-80/81 - ARLINGTON	23	323	19		No explanation required.
IIIIIIOIO	1 000	7.11.2.11.2.11.2.11.2.11.2.11.2.11.2.11	20	0	13	(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
Ohio	FUDS	NIKE CD-78 - OXFORD	1,881	3,300	639	2,058	additional risk, additional sampling).
Michigan	FUDS	NIKE D-97 - OAKLAND COMMUNITY COLLEGE	4,757	1,413	2,056		No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
Maine	FUDS	NIKE LO-13	41	891	39	222	initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Manie	י טטט	MINE 20-10	41	091	39	009	additional not, additional sampling).

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
Ctoto	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Bosson(s)
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for
	550	NUCE DI LIZE (ZO (MEDIA)	450				prior or ongoing work is greater than the prior estimate. This additional cost
Pennsylvania	FUDS	NIKE PH-75/78 (MEDIA)	150	149	73	72	may also be caused by changes in schedule.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Rhode Island	FUDS	NIKE PR-79	4,625	5,082	594	1 051	additional risk, additional sampling).
Titlode Island	1 000	THILE I I I I I	7,020	0,002	004	1,001	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	NIKE SITE BAY	6,100	7,542	1,500	2,942	additional risk, additional sampling).
Alaska	FUDS	NIKE SITE LOVE	69	20	7	(42)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Illinois	FUDS	NIKE SL-10 - MARINE	2,409	5,030	134		additional risk, additional sampling).
Maryland	FUDS	NIKE W-44 (WALDORF)	1,434	951	87	(396)	No explanation required.
l., .		NOME AREA REF REGION	4 000	4.0-0	4.50	400	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Alaska	FUDS	NOME AREA DEF REGION	1,090	1,070	159	139	estimating methodology or model.
Na Vaule	LIDO	NORTHEASTERN INDUSTRIAL	2 200	0.007	0.0	00	Cost Estimate Change Unrelated to Change in Scope – Change in cost
New York	FUDS	PARK	2,890	2,867	86	63	estimating methodology or model. Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	NORTHWAY ACS	877	881	25	29	additional risk, additional sampling).
Alaska	FUDS	NORTHWAY STAGING FLD	940	800	19		No explanation required.
						(/	Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Hawaii	FUDS	OAHU ISLAND TARGET	1,771	2,716	108		additional risk, additional sampling).
Alaska	FUDS	OCEAN CAPE RR SITE	53	406	26	379	New Site.
							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
.	FUDO	OFFLITT AFD AF 54000		2 22 -		0.00=	the regulator that increases project scope, delay in regulatory document review
Nebraska	FUDS	OFFUTT AFB AF FAC S-2	3,867	6,200	62		or approval).
Iowa	FUDS	OFFUTT AFB AF FAC S-3	21,178	17,742	194	(3,242)	No explanation required. 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
Alaska	FUDS	OGLIUGA ISL	2,422	3,080	442	1 100	may also be caused by changes in schedule.
Ohio	FUDS	OHIO RUBBER COMPANY	1,165	161	601	,	No explanation required.
OIIIO	י סטט	OTHE ROBBER GOIVII AIVI	1,105	101	001	(+05)	110 Oxpiditation required.

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
Kansas	FUDS	OLATHE NAVAL AIR STATION	843	781	66		No explanation required.
		OLMSTED AFB (SUNSET					
Pennsylvania	FUDS	ANNEX)	875	850	40		No explanation required.
Florida	FUDS	OPA LOCKA AIRPORT	740	713	15	(12)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Northern Mariana	FUDS	ORDNANCE PLAN	12,529	62,119	227	49,817	estimating methodology or model.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Florida	FUDS	OSPREY BOMBING RANGE	1,829	853	1,122	146	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		OYSTER POINT STORAGE					initiated by DoD), change in future property reuse, site reopened to address
	FUDS	AREA	4,081	4,430			additional risk, additional sampling).
Hawaii	FUDS	PACIFIC JUNGLE COMBAT	4,964	4,943	25	4	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Hawaii	FUDS	PALI TRAINING CAMP	10,768	10,950	17		estimating methodology or model.
Hawaii	FUDS	PAPOHAKU RANCHLAND SUB	14,076	13,205	234	(637)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
California	FUDS	PARKS AFB	11,292	17,075	191	5,974	estimating methodology or model.
		PASSAGE KEY AIR-TO-					
Florida	FUDS	GROUND GUN	811	553	83		No explanation required.
Alaska	FUDS	PEDRO DOME	224	109	1	(114)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
0 " 0 " "	EUDO.	DINE DIDOE OF INNEDA DANGE	04.045	00.070	0.040	4 000	initiated by DoD), change in future property reuse, site reopened to address
South Dakota	FUDS	PINE RIDGE GUNNERY RANGE	21,315	22,278	3,919		additional risk, additional sampling).
	FUDS	PINECASTLE JEEP RANGE	1,075	836	39	<u> </u>	No explanation required.
	FUDS	PLATTSBURGH ATLAS S-6	104	9	3		No explanation required.
Ohio	FUDS	PLUM BROOK ORD WORKS PLUM TREE ISLAND RANGE	8,818	3,396	4,246		No explanation required.
Virginia	FUDS	PLUW TREE ISLAND RANGE	28,117	7,163	269	(20,685)	No explanation required.
							1) Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
		POCATELLO BOMBING RANGE					cleanup, additional risk pathway such as vapor intrusion (that is required and
ldaha	LUDE	#3	0.044	04 404	4 440	10 500	initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). 2) New Site.
Idaho	FUDS	POINT VICENTE MIL RES FC	3,041	21,461	1,118	19,538	auditional risk, auditional sampling). 2) New Site.
California	TUDE	ISITES	0.074	4 440	50	(4.400)	No explanation required.
California	FUDS	SITES	2,371	1,113	59	(1,199)	ino explanation required.

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for Inflation (\$000)	FY 2020 Cost Estimate (\$000)	FY 2020 Funds Obligated (\$000)	Cost Estimate Change (\$000)	Reason(s)
				(ÇOSO)	(4000)	(4000)	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Wyoming	FUDS	POLE MOUNTAIN	116,881	130,726	55	13,900	additional risk, additional sampling).
Hawaii	FUDS	POPOKI TARGET AREA	3,211	1,856	5	(1,350)	No explanation required.
		PORT ANGELES COMBAT					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,
Washington	FUDS	RANGE	3,199	2,901	446		additional sampling).
Alaska	FUDS	PORT HEIDEN	8,577	5,954	87	,	No explanation required.
Alaska	FUDS	PORT OF WHITTIER	233	237	9	13	No explanation required.
Puerto Rico	FUDS	PUERTO RICO BOMB RANGE	3,898	3,925	354	381	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.
Rhode Island	FUDS	QUARRY DISPOSAL SITE	1,124	1,331	202	409	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Rhode Island	FUDS	QUONSET POINT NAS	67,207	61,698	4,622	(887)	No explanation required.
Michigan	FUDS	RACO AAF-HIAWATHA NF	4,880	5,928	148	1,196	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).
New Jersey	FUDS	RARITAN ARSN-TA ED PK	11,148	15,988	864	5,704	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) 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.
	FUDS	RICHMOND NAS					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) 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	เราบอ	MICHINIOND IMAS	251	446	29	224	soliculic.

	DoD		FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	
State	Component	Installation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	Reason(s)
Arizona	FUDS	SAHUARITA AFR	3.715	3,802	166		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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		SAN FRANCISCO NIKE BATTERY 08-09	,	3,802			
California Alaska	FUDS FUDS	ISANAK ISLAND ARMY AWS	32 4,851	2,390	40 327		No explanation required. No explanation required.
Washington	FUDS	SAND PT NAS-MAGNUSON PK	4,631	715	71	() =)	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) New Site.
Michigan	FUDS	SAULT STE MARIE AFS	2,421	2,643	612	834	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	7	31	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).
Kansas	FUDS	SCHILLING AFB ATLAS S-01	2,512	2,368	114		No explanation required.
Kansas	FUDS	SCHILLING AFB ATLAS S-02	1,973	48	219	_ , ,	No explanation required.
Kansas	FUDS	SCHILLING AFB ATLAS S-04	3,677	3,882	134		Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
Kansas	FUDS	SCHILLING AFB ATLAS S-05	3,067	7,665	149	4,747	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	5,813	6,841	108		Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	2,898	2,823	85		No explanation required.
Washington	FUDS	SEATTLE NAVAL SUPPLY DEPOT	0	41	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).

			FY 2019 Cost	FY 2020	FY 2020	Cost	
State	DoD	Installation Name	Estimate	Cost	Funds	Estimate	Reason(s)
	Component		Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
N 41	FUDO	SEDALIA AAF RIFLE RANGE	0.007	4 000	00	407	initiated by DoD), change in future property reuse, site reopened to address
Missouri	FUDS FUDS	SEWART AFB	3,897 116	4,302 103	32 26		additional risk, additional sampling). No explanation required.
Tennessee	FUD3	SEWARI AFB	110	103	20	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
Nebraska	FUDS	SIOUX ARMY DEPOT	19,945	21,347	2,759	4 161	additional risk, additional sampling).
	. 020	SOLOMONS NAVAL	.0,0.0	21,011	_,. 00	.,	,
Maryland	FUDS	AMPHIBIOUS BASE	1,194	96	77	(1,021)	No explanation required.
		SOUTHWESTERN PROV	,			(, ,	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Arkansas	FUDS	GROUNDS	688	745	25	82	estimating methodology or model.
Tennessee	FUDS	SPENCER ARTILLERY RANGE	15,842	15,612	108	(122)	No explanation required.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
District of Columb	i FUDS	SPRING VALLEY	17,115	12,485	10,136	5,506	additional risk, additional sampling).
	L	ST GEORGE ISLAND BOMB					
Florida	FUDS	RANGE	8,953	8,778	6		No explanation required.
South Carolina	FUDS	STARK GENERAL HOSP	1,750	1,000	59	(/	No explanation required.
Nevada	FUDS	STEAD AFB	173	24	15		No explanation required.
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
New York	FUDS	STEWART AFB	5,969	7,160	265		additional risk, additional sampling).
140W TOTA	1 000	012000000000000000000000000000000000000	0,000	7,100	200	1,400	Cost Estimate Change Unrelated to Change in Scope – Change in cost
New York	FUDS	SUFFOLK CO AAF&B&C RGE	13,613	13,673	851	911	estimating methodology or model.
			- ,				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
New York	FUDS	SUFFOLK COUNTY AFB	7,533	8,159	9	635	may also be caused by changes in schedule.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Alaska	FUDS	SUSITNA GUNNERY RNG	8,371	9,151	280	1,060	estimating methodology or model.
		SWAN ISLAND NAVAL-MARINE					
Oregon	FUDS	CORPS RESERVE CENTER	33	14	6	(13)	No explanation required.
							1) 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
Alestes	FUDO	TANIACA ICI	44.000	00.007	0.400	0.007	document review or approval). 2) Cost Estimate Change Unrelated to Change
Alaska	FUDS	TANAGA ISL	41,986	38,397	6,426	2,837	in Scope – Change in cost estimating methodology or model.

State	DoD	Installation Name	FY 2019 Cost Estimate	FY 2020 Cost	FY 2020 Funds	Cost Estimate	Reason(s)
Otato	Component	motanation Name	Adjusted for Inflation (\$000)	Estimate (\$000)	Obligated (\$000)	Change (\$000)	
Northern Mariana	FUDS	TANAPAG FUEL FARM	580	766	159	345	Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
		TEMECULA BOMB TARGET					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
California	FUDS	#107	4,587	5,041	96	550	may also be caused by changes in schedule.
		TIGALDA IGLAND	-	4-00		4.000	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Alaska Massachusetts	FUDS FUDS	TIGALDA ISLAND TISBURY GREAT POND	97 881	1,796 544	127 91		additional risk, additional sampling). No explanation required.
Massachusetts	FUD3	TISBURT GREAT FOIND	001	544	91	(240)	No explanation required.
		TOBYHANNA ARTILLERY					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) Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than the prior estimate.
Pennsylvania	FUDS	RANGE	2,219	5,851	448		This additional cost may also be caused by changes in schedule.
California	FUDS	TRAVIS AFB NIKE BATTERY 10	110	511	206	607	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	TRAVIS FIELD	214	51	200		No explanation required.
Maryland	FUDS	TRIUMPH EXPLOSIVES, INC.	63	86			No explanation required.
							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,
Georgia	FUDS	TURNER AIR FORCE BASE	2,189	5,387	79	3,277	additional sampling).
Missouri	FUDS	TYSON VALLEY POWDER FARM	1,227	1,023	141	(63)	No explanation required.
California	FUDS	UCSD (CAMP MATTHEWS)	36	843	114	921	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) New Site.
Camornia	. 555	0002 (0, 4, 11 11 11 11 11 11 11 11 11 11 11 11 11	50	0-10		021	and the state of t

State	DoD Component	Installation Name	FY 2019 Cost Estimate Adjusted for	FY 2020 Cost Estimate	FY 2020 Funds Obligated	Cost Estimate Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and
Alaska	FUDS	UMIAT AFS	201,037	203,573	260	2,796	initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling).
Aleeko	FUDS	UNALAKLEET AFSTA	4,366	5,495	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).
Alaska	FUD3	ONALARLLET AFSTA	4,300	5,495	100		Project Scope – Added requirements due to other site-level project change
			0.707				(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Alaska	FUDS	UNALGA ISL NAV RADIO US EXPLOSIVES PLANT C	8,725	11,256	34		additional risk, additional sampling). No explanation required.
West Virginia	FUDS	US EXPLOSIVES PLANT C	129	129	6		Cost Estimate Change Unrelated to Change in Scope – Change in cost
American Samoa	FUDS	VAIPITO VILLAGE	113	414	32		estimating methodology or model.
American Samoa	FUDS	VAIFITO VILLAGE	113	414	32		Project Scope – Added requirements due to other site-level project change
	51100	VAN DODN ADMY TONG GAME	00.044	05.450	400		(e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address
Mississippi	FUDS	VAN DORN-ARMY TRNG CAMP VENICE BOMBING RANGE	62,944	65,458	199		additional risk, additional sampling).
Florida	FUDS	VENICE BOWDING RANGE	2,845	1,685	1,056		No explanation required. Cost Estimate Change Unrelated to Change in Scope – Change in cost
Hawaii	FUDS	WAIKANE TRAINING AREA	4,767	7,786	63		estimating methodology or model.
Hawaii	FUDS	WAIKOLOA MANEUVER AREA	332,505	354,591	14,242	·	Project Scope – Added cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). 2) Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model.
New Mexico	FUDS	WALKER AFB	6,921	4,975	195	(' ' ' ' ' ' ' ' ' ' ' '	No explanation required.
Virginia	FUDS	WALLOPS FLIGHT FACILITY	28,703	33,455	499	5,251	Project Scope – Added requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway 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	WALTERBORO AAF	387	0	11		No explanation required.
Massachusetts	FUDS	WATERTOWN ARSENAL	893	936	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).
		WAUGOSHANCE POINT					
Michigan	FUDS	TARGET	245	48	51	(146)	No explanation required.

Appendix A: Installations and Properties Where DoD Obligated Funding for Environmental Restoration Activities in FY 2020

			FY 2019 Cost	FY 2020	FY 2020	Cost	
	DoD		Estimate	Cost	Funds	Estimate	
State	Component	Installation Name	Adjusted for	Estimate	Obligated	Change	Reason(s)
			Inflation (\$000)	(\$000)	(\$000)	(\$000)	
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
							initiated by DoD), change in future property reuse, site reopened to address
Texas	FUDS	WEBB AIR FORCE BASE	2,580	2,571	590		additional risk, additional sampling).
Missouri	FUDS	WEINGARTEN POW CAMP	446	448	3		No explanation required.
West Virginia	FUDS	WEST VIRGINIA ORD WORKS	73,180	66,550	4,074	(2,556)	No explanation required.
							Cost Estimate Change Unrelated to Change in Scope – Change in cost
Massachusetts	FUDS	WESTOVER AFB	8,081	8,481	161	561	estimating methodology or model.
		MAILUTERARNI CONMALINUO ATIONIO					Ocat Fating to Observe Head to the Observe in Ocation Observe in
Minand	FUDO	WHITEMAN COMMUNICATIONS	0.500	45.007	40	40.700	Cost Estimate Change Unrelated to Change in Scope – Change in cost
Missouri	FUDS	TRANSMITTER SITE	2,563	15,307	46	12,790	estimating methodology or model.
							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
Alaska	FUDS	WILDWOOD AFS	561	1,185	166	790	additional risk, additional sampling). 2) New Site.
Ohio	FUDS	WILKINS AIR FORCE STATION	752	1,103	23		No explanation required.
Florida	FUDS	WITHLACOOCHEE CWS SITE	556	453	18	, ,	No explanation required.
Tionda	1 000	WV MANEUVER AREA/DOLLY	330	700	10	(00)	Tro oxplanation required.
West Virginia	FUDS	SODS	32,519	29,237	101	(3.181)	No explanation required.
vvoor viigiina	1 020		02,010	20,201	101	(0,101)	
							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
Alaska	FUDS	YAKUTAT AFB	4,550	27,984	3,604	27,038	regulatory document review or approval). 4) New Site.
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
		YELLOW JACKET TARGET					initiated by DoD), change in future property reuse, site reopened to address
Utah	FUDS	AREA	8,444	14,307	97	5,960	additional risk, additional sampling).
							Project Scope – Added requirements due to other site-level project change
							(e.g., newly discovered contaminants, increased physical dimensions of the
							cleanup, additional risk pathway such as vapor intrusion (that is required and
	FUE	YORK NAVAL ORDNANCE					initiated by DoD), change in future property reuse, site reopened to address
Pennsylvania	FUDS	PLANT	92	68	77	53	additional risk, additional sampling).
Ohio	FUDE	YOUNGSTOWN MUNIC AIRPORT	4.000	F4F	200	(4.405)	No explanation required
Ohio	FUDS	AIINFURT	4,902	515	222	(4,105)	No explanation required.