Volume II - Defense-Wide Data Book

Summary of Funds Budgeted for Environmental Projects



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PB28A Environmental Technology - Budget Years

(Current \$ Millions)

APPROPRIATION TOTALS	<u>FY 18</u>	<u>FY 19</u>	FY 20	
RDT&E, DW				
Cleanup	19.215	20.109	22.118	
Compliance	20.816	21.988	23.885	
Conservation	12.284	14.305	13.588	
Pollution Prevention	21.523	22.804	24.670	
Unexploded Ordnance Total	20.599	21.843	23.603	
	94.437	101.050	107.864	
Grand Total	94.437	101.050	107.864	

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PB28A Environmental Technology - Budget Years

(Current \$ Millions)

ENVIRONMENTAL PROGRAM TOTALS				
Cleanup	19.215	20.109	22.118	
Compliance	20.816	21.988	23.885	
Conservation	12.284	14.305	13.588	
Pollution Prevention	21.523	22.804	24.670	
Unexploded Ordnance	20.599	21.843	23.603	
Grand Total	94.437	101.050	107.864	

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT	FY 2018	FY 2019	FY 2020
Active			
<u>Domestic</u>			
Compliance			
<u>Air</u>			
Stationary and Mobile Sources	0.032	0.031	0.031
Compliance Cross-Cutting Programs			
Compliance Education and Training	2.129	2.121	2.163
Multi-Program Management	1.682	1.352	1.379
Total Compliance Cross-Cutting Programs	3.811	3.473	3.542
Compliance Manpower			
Compliance Manpower	5.180	5.970	6.054
Compliance Other			
Miscellaneous Compliance Activities	2.294	2.385	2.414
Compliance Related Cleanup			
Other Compliance-Related Assessment and Cleanup	0.000	0.000	0.000
Planning			
Environmental Impact Analysis	0.075	0.075	0.075
Storage and Disposal			
Hazardous Waste (RCRA - C)	4.765	3.978	4.054
Solid Waste (RCRA - D)	0.744	2.600	2.640
USTs (RCRA - I)	0.000	0.000	0.000
Total Storage and Disposal	5.509	6.578	6.694
Toxic Substances			
Controlled Substances	0.000	0.000	0.000
EPCRA Reporting (TRI and Tier I&II)	0.005	0.005	0.005
Total Toxic Substances	0.005	0.005	0.005

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT	FY 2018	FY 2019	FY 2020
Active (Continued)			
Domestic (Continued)			
Compliance (Continued)			
<u>Water</u>			
Safe Drinking Water	2.082	1.665	1.728
Spill Prevention and Response/ASTs	0.019	0.027	0.027
Stormwater	0.000	0.000	0.000
Wastewater	0.005	0.005	0.005
Total Water	2.106	1.697	1.760
Total Compliance	19.012	20.214	20.575
Pollution Prevention Pollution Prevention Other	0.000	0.000	0.000
Miscellaneous Pollution Prevention Activities	0.000	0.000	0.000
Pollution Prevention Projects Hazardous Material / Hazardous and Solid Waste	0.598	0.281	0.286
Total Pollution Prevention	0.598	0.281	0.286
Total Domestic	19.610	20.495	20.861

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT	FY 2018	FY 2019	FY 2020
Active (Continued)			
<u>Foreign</u>			
Compliance			
<u>Air</u>			
Stationary and Mobile Sources	0.012	0.004	0.004
Compliance Cross-Cutting Programs			
Compliance Education and Training	0.075	0.071	0.072
Multi-Program Management	0.225	0.165	0.168
Total Compliance Cross-Cutting Programs	0.300	0.236	0.240
Compliance Manpower			
Compliance Manpower	0.675	0.812	0.828
Compliance Other			
Miscellaneous Compliance Activities	0.035	0.039	0.040
Planning	0.022		0.0.0
Environmental Impact Analysis	0.000	0.000	0.000
	0.000	0.000	0.000
Storage and Disposal	0.698	0.609	0.621
Hazardous Waste (RCRA - C)	0.698	0.828	0.845
Solid Waste (RCRA - D)			
USTs (RCRA - I)	0.000	0.000	0.000
Total Storage and Disposal	1.210	1.437	1.466
Toxic Substances			
EPCRA Reporting (TRI and Tier I&II)	0.000	0.000	0.000
<u>Water</u>			
Safe Drinking Water	0.764	0.645	0.658
Total Compliance	2.996	3.173	3.236
Pollution Prevention			
Pollution Prevention Projects			
Hazardous Material / Hazardous and Solid Waste	0.000	0.000	0.000
Total Pollution Prevention	0.000	0.000	0.000
Total Foreign	2.996	3.173	3.236
-			

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT Active (Summary)	FY 2018	FY 2019	FY 2020
Environmental Activity Cost Type Totals			
Compliance	22.008	23.387	23.811
Pollution Prevention	0.598	0.281	0.286
Conservation	0.000	0.000	0.000
Total	22.606	23.668	24.097
Location Totals			
Domestic	19.610	20.495	20.861
Foreign	2.996	3.173	3.236
Total	22.606	23.668	24.097
DHA TOTALS			
Environmental Activity Cost Type Totals			
Compliance	22.008	23.387	22.011
	22.008	23.367	23.811
Pollution Prevention	0.598	0.281	0.286
Pollution Prevention	0.598	0.281	0.286
Pollution Prevention Conservation	0.598 0.000	0.281 0.000	0.286 0.000
Pollution Prevention Conservation Total	0.598 0.000	0.281 0.000	0.286 0.000
Pollution Prevention Conservation Total Location Totals	0.598 0.000 22.606	0.281 0.000 23.668	0.286 0.000 24.097

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PB28 Environmental Quality Funding - Budget Years

MIL CON	FY 2018	FY 2019	FY 2020
DADW			
<u>Domestic</u>			
Compliance			
Compliance Other			
Miscellaneous Compliance Activities	0.000	6.900	59.600
Total Compliance	0.000	6.900	59.600
Total Domestic	0.000	6.900	59.600

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PB28 Environmental Quality Funding - Budget Years

MIL CON	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Foreign			
Compliance			
Compliance Other			
Miscellaneous Compliance Activities	0.000	0.000	0.000
Total Compliance	0.000	0.000	0.000
Total Foreign	0.000	0.000	0.000

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PB28 Environmental Quality Funding - Budget Years

MIL CON DADW (Summary) Environmental Activity Cost Type Totals	FY 2018	FY 2019	FY 2020
Compliance	0.000	6.900	59.600
Pollution Prevention	0.000	0.000	0.000
Conservation	0.000	0.000	0.000
Total	0.000	6.900	59.600
Location Totals			
Domestic	0.000	6.900	59.600
Foreign	0.000	0.000	0.000
Total	0.000	6.900	59.600

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT	FY 2018	FY 2019	FY 2020
DADW			
<u>Domestic</u>			
Compliance Compliance Cross-Cutting Programs			
Multi-Program Management	0.000	0.040	0.041
Compliance Manpower Compliance Manpower	0.473	0.455	0.470
Compliance Other	0.415	0.455	0.410
Miscellaneous Compliance Activities	4.992	5.676	6.215
Total Compliance	5.465	6.171	6.727
Pollution Prevention Pollution Prevention Manpower			
Pollution Prevention Manpower	3.819	5.251	5.356
Pollution Prevention Projects Hazardous Material / Hazardous and Solid Waste	2.114	3.012	3.290
Total Pollution Prevention	5.933	8.263	8.646
Total Domestic	11.398	14.434	15.373

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Foreign			
Compliance			
Storage and Disposal			
Hazardous Waste (RCRA - C)	0.000	0.003	0.004
Total Compliance	0.000	0.003	0.004
Total Foreign	0.000	0.003	0.004

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PB28 Environmental Quality Funding - Budget Years

OPR & MAINT DADW (Summary) Environmental Activity Cost Type Totals	FY 2018	FY 2019	FY 2020
Compliance	5.465	6.174	6.730
Pollution Prevention	5.933	8.263	8.646
Conservation	0.000	0.000	0.000
Total	11.398	14.438	15.377
Location Totals			
Domestic	11.398	14.434	15.373
Foreign	0.000	0.003	0.004
Total	11.398	14.438	15.377

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PB28 Environmental Quality Funding - Budget Years

REV & MGT FNDS	FY 2018	FY 2019	FY 2020
DADW			
<u>Domestic</u>			
Compliance			
<u>Air</u>			
Stationary and Mobile Sources	0.269	0.303	0.312
Compliance Cross-Cutting Programs			
Compliance Education and Training	0.706	0.432	0.435
Geospatial Information Systems (GIS) and Information	0.853	0.765	0.807
Multi-Program Management	3.613	4.689	4.787
Total Compliance Cross-Cutting Programs	5.172	5.885	6.028
Compliance Manpower			
Compliance Manpower	15.451	17.858	18.267
Compliance Other			
Miscellaneous Compliance Activities	5.321	6.307	6.460
Compliance Related Cleanup			
Other Compliance-Related Assessment and Cleanup	48.722	118.226	49.721
Planning			
Environmental Impact Analysis	0.713	2.289	2.478
Storage and Disposal			
Hazardous Waste (RCRA - C)	0.592	5.918	0.751
Solid Waste (RCRA - D)	0.159	0.152	0.160
USTs (RCRA - I)	22.131	25.583	27.068
Total Storage and Disposal	22.882	31.653	27.979
Toxic Substances			
Controlled Substances	0.318	0.032	0.033
EPCRA Reporting (TRI and Tier I&II)	0.216	0.233	0.243
Total Toxic Substances	0.534	0.265	0.276

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PB28 Environmental Quality Funding - Budget Years

REV & MGT FNDS	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Domestic (Continued)			
Compliance (Continued)			
Water			
Safe Drinking Water	0.231	0.182	0.194
Spill Prevention and Response/ASTs	6.704	4.494	4.690
Stormwater	1.406	0.527	0.243
Wastewater	0.461	0.433	0.468
Total Water	8.802	5.637	5.594
Total Compliance	107.866	188.424	117.115
Pollution Prevention			
Pollution Prevention Manpower			
Pollution Prevention Manpower	0.788	0.762	0.781
Pollution Prevention Other			
Miscellaneous Pollution Prevention Activities	0.385	0.489	0.432
Pollution Prevention Projects			
Air Pollution Reduction	0.000	0.001	0.001
Hazardous Material / Hazardous and Solid Waste	0.005	0.043	0.017
Water Pollution Reduction	0.005	0.006	0.012
Total Pollution Prevention Projects	0.010	0.050	0.030
Total Pollution Prevention	1.183	1.301	1.242
Conservation			
Archaeology			
Archeological/ Curation	0.010	0.016	0.016
Tribal Consultation Repatriation	0.000	0.006	0.006
Total Archaeology	0.010	0.022	0.022
Conservation Cross-Cutting Programs			
Conservation Education and Training	0.006	0.013	0.013

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PB28 Environmental Quality Funding - Budget Years

REV & MGT FNDS	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Domestic (Continued)			
Conservation (Continued)			
Conservation Manpower			
Cultural Resources Manpower	0.183	0.201	0.212
Natural Resources Manpower	0.204	0.206	0.217
Total Conservation Manpower	0.387	0.407	0.429
Cultural Resources Other			
Miscellaneous Cultural Resources Activities	0.280	0.297	0.308
Historic Structures			
Historic Built Environment	0.000	0.004	0.025
Integrated Natural Resource Planning			
Integrated Natural Resources Planning	0.035	0.100	0.048
Listed and At-Risk Species			
Threatened and Endangered Species; Candidate Species	0.006	0.018	0.007
Natural Resources Other			
Miscellaneous Natural Resources Activities	0.000	0.023	0.027
Wetlands			
Wetlands	0.302	1.248	1.273
Total Conservation	1.027	2.132	2.153
Total Domestic	110.076	191.857	120.510

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PB28 Environmental Quality Funding - Budget Years

REV & MGT FNDS	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Foreign			
Compliance			
Compliance Cross-Cutting Programs Compliance Education and Training	0.019	0.043	0.044
Compliance Manpower Compliance Manpower	1.699	2.320	2.372
Compliance Other Miscellaneous Compliance Activities	0.642	0.312	0.318
Compliance Related Cleanup Overseas Remediation	0.189	0.624	0.637
Planning Environmental Impact Analysis	0.055	0.624	0.637
Storage and Disposal			
Hazardous Waste (RCRA - C)	0.473	0.156	0.159
USTs (RCRA - I)	8.750	5.410	5.518
Total Storage and Disposal	9.223	5.566	5.677
Toxic Substances Controlled Substances	0.000	0.001	0.001
Water Spill Prevention and Response/ASTs	0.537	0.312	0.318
Total Compliance	12.364	9.802	10.003
Total Foreign	12.364	9.802	10.003

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PB28 Environmental Quality Funding - Budget Years

REV & MGT FNDS DADW (Summary)	FY 2018	FY 2019	FY 2020
Environmental Activity Cost Type Totals			
Compliance Pollution Prevention	120.230 1.183	198.227 1.301	127.118 1.242
Conservation	1.027	2.132	2.153
Total	122.440	201.659	130.514
Location Totals			
Domestic	110.076	191.857	120.510
Foreign	12.364	9.802	10.003
Total	122.440	201.659	130.514
DLA TOTALS			
Environmental Activity Cost Type Totals			
Environmental Activity Cost Type Totals			
Compliance	125.695	211.301	193.449
	125.695 7.117	211.301 9.564	193.449 9.888
Compliance	7.117 1.027	9.564 2.132	9.888 2.153
Compliance Pollution Prevention	7.117	9.564	9.888
Compliance Pollution Prevention Conservation	7.117 1.027	9.564 2.132	9.888 2.153
Compliance Pollution Prevention Conservation Total	7.117 1.027 133.838	9.564 2.132 222.997 213.191	9.888 2.153 205.490
Compliance Pollution Prevention Conservation Total Location Totals	7.117 1.027 133.838	9.564 2.132 222.997	9.888 2.153 205.490

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PB28 Environmental Quality Funding - Budget Years

(Current \$ Millions)

Defense Education Activity

OPR & MAINT	FY 2018	FY 2019	FY 2020
Active			
<u>Domestic</u>			
Compliance			
Compliance Other			
Miscellaneous Compliance Activities	2.354	2.424	2.497
Total Compliance	2.354	2.424	2.497
Total Domestic	2.354	2.424	2.497

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PB28 Environmental Quality Funding - Budget Years

(Current \$ Millions)

Defense Education Activity

OPR & MAINT	FY 2018	FY 2019	FY 2020
Active (Summary) Environmental Activity Cost Type Totals			
Compliance	2.354	2.424	2.497
Pollution Prevention	0.000	0.000	0.000
Conservation	0.000	0.000	0.000
Total	2.354	2.424	2.497
Location Totals			
Domestic	2.354	2.424	2.497
Foreign	0.000	0.000	0.000
Total	2.354	2.424	2.497
DODEA TOTALS			
Environmental Activity Cost Type Totals			
Compliance	2.354	2.424	2.497
Pollution Prevention	0.000	0.000	0.000
Conservation	0.000	0.000	0.000
Total	2.354	2.424	2.497
Location Totals			
Domestic	2.354	2.424	2.497
Foreign	0.000	0.000	0.000
Total	2.354	2.424	2.497

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PB28 Environmental Quality Funding - Budget Years

RDT&E	FY 2018	FY 2019	FY 2020
DADW			
Domestic Compliance			
Air			
Stationary and Mobile Sources	0.713	0.367	0.359
•	0.715	0.507	0.557
Compliance Cross-Cutting Programs Compliance Education and Training	0.025	0.025	0.025
Geospatial Information Systems (GIS) and Information	0.023	0.050	0.023
Multi-Program Management	0.010	0.011	0.038
Total Compliance Cross-Cutting Programs	0.115	0.086	0.113
Compliance Manpower	******	***************************************	***************************************
Compliance Manpower Compliance Manpower	4.433	4.673	4.615
Compliance Other			
Miscellaneous Compliance Activities	0.301	0.431	0.376
Planning			
Environmental Impact Analysis	4.854	2.454	1.429
Storage and Disposal			
Hazardous Waste (RCRA - C)	30.916	20.408	4.548
Solid Waste (RCRA - D)	0.031	0.032	0.033
Total Storage and Disposal	30.947	20.440	4.581
Toxic Substances			
Controlled Substances	0.000	0.002	0.002
EPCRA Reporting (TRI and Tier I&II)	0.001	0.001	0.001
Total Toxic Substances	0.001	0.003	0.004
<u>Water</u>			
Safe Drinking Water	0.007	0.003	0.004
Spill Prevention and Response/ASTs	0.005	0.012	0.006
Stormwater	0.004	0.005	0.005
Wastewater	0.001	0.001	0.001
Total Water	0.017	0.021	0.015
Total Compliance	41.380	28.475	11.492

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PB28 Environmental Quality Funding - Budget Years

RDT&E DADW (Continued)	FY 2018	FY 2019	FY 2020
Domestic (Continued)			
Pollution Prevention			
Pollution Prevention Other			
Miscellaneous Pollution Prevention Activities	0.010	0.010	0.010
Pollution Prevention Projects			
Air Pollution Reduction	0.065	0.065	0.065
Hazardous Material / Hazardous and Solid Waste	0.025	0.025	0.025
Total Pollution Prevention Projects	0.090	0.090	0.090
Total Pollution Prevention	0.100	0.100	0.100
Conservation			
Conservation Manpower			
Natural Resources Manpower	0.002	0.002	0.002
Cultural Resources Other			
Miscellaneous Cultural Resources Activities	0.550	0.625	0.050
Historic Structures			
Historic Built Environment	0.425	0.050	0.000
Integrated Natural Resource Planning			
Integrated Natural Resources Planning	0.001	0.000	0.010
Listed and At-Risk Species			
Threatened and Endangered Species; Candidate Species	0.000	0.250	0.000
Natural Resources Other			
Miscellaneous Natural Resources Activities	0.502	0.102	0.002
Wetlands			
Wetlands	0.180	0.300	0.000
Total Conservation	1.659	1.329	0.064
Total Domestic	43.139	29,904	11.656

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PB28 Environmental Quality Funding - Budget Years

RDT&E	FY 2018	FY 2019	FY 2020
DADW (Continued)			
<u>Foreign</u>			
Compliance			
Air Stationers and Making Comment	0.000	0.150	0.000
Stationary and Mobile Sources	0.000	0.150	0.000
Compliance Other			
Miscellaneous Compliance Activities	0.125	0.050	0.050
Planning			
Environmental Impact Analysis	0.000	0.150	0.150
Storage and Disposal			
Hazardous Waste (RCRA - C)	0.014	0.002	0.000
Solid Waste (RCRA - D)	0.093	0.024	0.000
Total Storage and Disposal	0.107	0.026	0.000
<u>Water</u>			
Safe Drinking Water	0.041	0.011	0.000
Total Compliance	0.273	0.387	0.200
Conservation			
Cultural Resources Other			
Miscellaneous Cultural Resources Activities	0.000	0.150	0.000
Natural Resources Other			
Miscellaneous Natural Resources Activities	0.000	0.150	0.000
Wetlands			
Wetlands	0.000	0.150	0.000
Total Conservation	0.000	0.450	0.000
Total Foreign	0.273	0.837	0.200

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PB28 Environmental Quality Funding - Budget Years

RDT&E	FY 2018	FY 2019	FY 2020
DADW (Summary) Environmental Activity Cost Type Totals			
Compliance	41.653	28.862	11.692
Pollution Prevention	0.100	0.100	0.100
Conservation	1.659	1.779	0.064
Total	43.413	30.741	11.856
Location Totals			
Domestic	43.139	29.904	11.656
Foreign	0.273	0.837	0.200
Total	43.413	30.741	11.856
MDA TOTALS			
Environmental Activity Cost Type Totals			
Compliance	41.653	28.862	11.692
Pollution Prevention	0.100	0.100	0.100
Conservation	1.659	1.779	0.064
Total	43.413	30.741	11.856
Location Totals			
Domestic	43.139	29.904	11.656
Foreign	0.273	0.837	0.200
	43.413		11.856

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PB28 Environmental Quality Funding - Budget Years

(Current \$ Millions)

OPR & MAINT	FY 2018	FY 2019	FY 2020
DADW			
<u>Domestic</u>			
Compliance			
Compliance Cross-Cutting Programs Multi-Program Management	4.539	5.005	2.999
Compliance Related Cleanup			
Other Compliance-Related Assessment and Cleanup	12.185	12.000	12.000
Total Compliance	16.724	17.005	14.999
Pollution Prevention			
Pollution Prevention Other Miscellaneous Pollution Prevention Activities	1.612	1.769	1.664
Total Pollution Prevention	1.612	1.769	1.664
Conservation Natural Resources Other			
Miscellaneous Natural Resources Activities	93.497	87.609	78.612
Total Conservation	93.497	87.609	78.612
Total Domestic	111.833	106.383	95.275

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PB28 Environmental Quality Funding - Budget Years

(Current \$ Millions)

OPR & MAINT	FY 2018	FY 2019	FY 2020
DADW (Continued)			
Foreign			
Pollution Prevention			
Pollution Prevention Other			
Miscellaneous Pollution Prevention Activities	0.847	0.000	0.000
Total Pollution Prevention	0.847	0.000	0.000
Total Foreign	0.847	0.000	0.000

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PB28 Environmental Quality Funding - Budget Years

(Current \$ Millions)

OPR & MAINT DADW (Summary) Environmental Activity Cost Type Totals	FY 2018	FY 2019	FY 2020	
	44.704	47.00		
Compliance	16.724	17.005	14.999	
Pollution Prevention	2.459	1.769	1.664	
Conservation	93.497	87.609	78.612	
Total	112.680	106.383	95.275	
Location Totals				
Domestic	111.833	106.383	95.275	
Foreign	0.847	0.000	0.000	
Total	112.680	106.383	95.275	
OUSD(A&S) TOTALS				
OUSD(A&S) TOTALS Environmental Activity Cost Type Totals				
Environmental Activity Cost Type Totals	46.704	47.005	44.000	
Environmental Activity Cost Type Totals Compliance	16.724	17.005	14.999	
Environmental Activity Cost Type Totals Compliance Pollution Prevention	2.459	1.769	1.664	
Environmental Activity Cost Type Totals Compliance Pollution Prevention Conservation	2.459 93.497	1.769 87.609	1.664 78.612	
Environmental Activity Cost Type Totals Compliance Pollution Prevention	2.459	1.769	1.664	
Environmental Activity Cost Type Totals Compliance Pollution Prevention Conservation	2.459 93.497	1.769 87.609	1.664 78.612	
Environmental Activity Cost Type Totals Compliance Pollution Prevention Conservation Total	2.459 93.497	1.769 87.609	1.664 78.612	
Environmental Activity Cost Type Totals Compliance Pollution Prevention Conservation Total Location Totals	2.459 93.497 112.680	1.769 87.609 106.383	1.664 78.612 95.275	