

Army Civil Works Program
FY 2016 Work Plan - Operation and Maintenance

State	MSC	Project or Program	President's Budget Amount	Statement of Managers Amount 1/	Add'l Work Plan Amount	Total Work Plan Amount 2/	Line Item of Add'l Funding	FY 2016 Budgeted Amount Justification	FY 2016 Additional Funding Justification
AZ	SPD	ALAMO LAKE, AZ	1,472,000	1,472,000	-	1,472,000	-	FRM: \$1,195,000 - Funding will be used for routine O&M for flood risk management. This amount includes \$145,000 for sustainability (solar panels installation). RC: \$28,000 - Funding will provide for routine O&M for oversight of leased recreation areas. EN: \$249,000 - Funding will provide for routine O&M for environmental stewardship and completion of the revised Project Master Plan.	-
AZ	SPD	INSPECTION OF COMPLETED WORKS, AZ	71,000	71,000	-	71,000	-	ICW: \$71,000 – Funds will be used to inspect federally authorized/constructed flood risk reduction projects operated and maintained by a non-Federal sponsor that meet the Corps condition requirements.	-
AZ	SPD	PAINTED ROCK DAM, AZ	1,024,000	1,024,000	-	1,024,000	-	FRM: \$995,000 - Funding will be used for routine O&M for flood risk management and includes \$145,000 for sustainability work (installation of solar panels). EN: \$29,000 - Funding will be used for routine O&M for environmental stewardship.	-
AZ	SPD	SCHEDULING RESERVOIR OPERATIONS, AZ	133,000	133,000	-	133,000	-	SRO: \$133,000 – Funds will be used to monitor, manage, operate, and maintain project stream gages, rain gages, and reservoir level gages that provide the raw hydrometer data required for project regulation.	-
AZ	SPD	WHITLOW RANCH DAM, AZ	367,000	367,000	-	367,000	-	FRM: \$335,000 - Funding will be used for O&M for flood risk management. EN: \$32,000 - Funding will be used for O&M for environmental stewardship.	-
CA	SPD	BLACK BUTTE LAKE, CA	2,777,000	2,777,000	-	2,777,000	-	FRM: \$1,546,000 - Funding will be used for routine O&M of the dam and associated structures. This amount includes \$73,000 for compliance with the Biological Opinion (water release protocols) previously budgeted under Environmental Stewardship. RC: \$843,000 - Funding will be used for routine O&M for recreation. EN: \$388,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	BODEGA BAY, CA	-	-	747,000	747,000	4	-	Bodega Bay - Complete environmental coordination and plans and specifications for Dredging
CA	SPD	BUCHANAN DAM, HV EASTMAN LAKE, CA	2,001,000	2,001,000	-	2,001,000	-	FRM: \$1,033,000 - Funding will be used for routine O&M for flood risk management. RC: \$779,000 - Funding will be used for routine O&M for recreation. This amount includes \$30,000 for sustainability (installation of double pane windows at the park office). EN: \$189,000 - Funding will be used for routine O&M for environmental stewardship.	-

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CA	SPD	COYOTE VALLEY DAM, LAKE MENDOCINO, CA	4,001,000	4,001,000	26,000	4,027,000	5	FRM: \$2,063,000 - Funding will be used for routine O&M for flood risk management. Routine funding includes \$808,000 for mitigation and compliance with the Biological Opinion (fish imprinting facility operation and genetic monitoring) previously budgeted under Environmental Stewardship. RC: \$1,516,000 - Funding will be used for routine O&M for recreation. Amount includes non-routine funding of \$160,000 for construction of four volunteer host sites to maintain visitor safety and local security. EN: \$409,000 - Funding will be used for routine O&M for environmental stewardship. WS: \$13,000 - Funding will be used for routine O&M for water supply.	Funding for staff to accomplish the appropriate coordination for and make minor gate adjustments throughout spring and summer.
CA	SPD	DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	6,411,000	6,411,000	25,000	6,436,000	5	FRM: \$3,954,000 - Funding will be used for routine O&M for flood risk management. The routine funding includes \$2,414,000 for mitigation and biological opinion compliance activities (fish hatchery operation and genetic monitoring) previously budgeted under Environmental Stewardship. RC: \$2,003,000 - Funding will be used for routine O&M for recreation. Amount includes non-routine funding of \$20,000 for sustainability work (public safety lighting for the public boat ramp and primary overflow parking areas). EN: \$414,000 - Funding will be used for routine O&M environmental stewardship. WS: \$40,000 - Funding will be used for routine O&M of the service gates for the water supply purposes.	Funding for staff to accomplish the appropriate coordination for and make minor gate adjustments throughout spring and summer.
CA	SPD	FARMINGTON DAM, CA	431,000	431,000	-	431,000	-	FRM: \$431,000 - Funding will be used for routine O&M for flood risk management.	-
CA	SPD	HIDDEN DAM, HENSLEY LAKE, CA	2,180,000	2,180,000	-	2,180,000	-	FRM: \$1,333,000 - Funding will be used for routine O&M for flood risk management. RC: \$778,000 - Funding will be used for routine O&M for recreation. Amount includes non-routine funding of \$30,000 for sustainability (light fixture replacements). EN: \$69,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	HUMBOLDT HARBOR AND BAY, CA	3,106,000	3,106,000	4,970,000	8,076,000	2	N: \$3,106,000 - Funding will be used for annual jetty inspections and maintenance dredging of the bar and entrance channels using USACE vessel ESSAYONS.	Perform remaining dredging of entrance channel from -44 feet to -48 feet and perform North Bay channel maintenance dredging
CA	SPD	INSPECTION OF COMPLETED WORKS, CA	4,198,000	4,198,000	-	4,198,000	-	ICW: \$4,198,000 - Funds will be used to inspect federally authorized/constructed flood risk reduction projects operated and maintained by a non-Federal sponsor that meet the Corps condition requirements.	-

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CA	SPD	ISABELLA LAKE, CA	1,550,000	1,550,000	-	1,550,000	-	FRM: \$1,182,000 - Funding will be used for routine O&M for flood risk management. Routine funding includes \$123,000 for compliance activities for the Biological Opinion (monitoring of Southwestern Willow Flycatcher and least Bells vireo) previously budgeted under Environmental Stewardship. EN: \$368,000 - Funding provides for routine O&M for environmental stewardship.	-
CA	SPD	LOS ANGELES - LONG BEACH HARBORS, CA	-	-	14,050,000	14,050,000	2		Los Angeles-Long Beach repair breakwater to include areas of the San Pedro breakwater
CA	SPD	LOS ANGELES - LONG BEACH HARBORS, CA	-	-	5,570,000	5,570,000	6		Perform Port Los Angeles-Long Beach maintenance dredging of non-contaminated material and Port Los Angeles-Long Beach maintenance dredging of contaminated material
CA	SPD	LOS ANGELES COUNTY DRAINAGE AREA, CA	7,327,000	7,327,000	4,590,000	11,917,000	5	FRM: \$7,028,000 - Funding will be used for routine O&M of six flood risk management projects. RC: \$140,000 - Funding will be used for routine O&M for the oversight of leased recreation areas. EN: \$159,000 - Funding will be used for routine O&M for environmental stewardship.	Perform additional preventative maintenance activities in preparation for El Nino
CA	SPD	MARINA DEL REY, CA	3,846,000	3,846,000	750,000	4,596,000	2	N: \$3,846,000 - Funding will be used for the routine maintenance dredging of the north entrance channel by contract.	Marina del Rey-Perform cyclical maintenance dredging of the north entrance
CA	SPD	MERCED COUNTY STREAMS, CA	387,000	387,000	-	387,000	-	FRM: \$387,000 - Funding will be used for routine O&M for flood risk management.	-
CA	SPD	MOJAVE RIVER DAM, CA	389,000	389,000	-	389,000	-	FRM: \$306,000 - Funding will be used for routine O&M for flood risk management. RC: \$36,000 - Funding will be used for routine O&M for the oversight of the leased recreation areas. EN: \$47,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	MORRO BAY HARBOR, CA	3,070,000	3,070,000	4,090,000	7,160,000	2	N: \$3,070,000 - Funding will be used to provide routine maintenance dredging of the entrance channel by USACE vessel YAQUINA.	Perform Morro Bay Harbor maintenance dredging of Morro Channel and sand trap and perform comprehensive condition survey of breakwaters
CA	SPD	MOSS LANDING HARBOR, CA	-	-	500,000	500,000	2	-	Prepare Dredged Material Management Plan
CA	SPD	NAPA RIVER, CA	-	-	4,520,000	4,520,000	1	-	Perform Napa River maintenance dredging to reduced depth
CA	SPD	NAPA RIVER, CA	-	-	25,000	25,000	4	-	Continuation of Napa River Regional Dredged Material Management Plan
CA	SPD	NEW HOGAN LAKE, CA	2,993,000	2,993,000	-	2,993,000	-	FRM: \$1,796,000 - Funding will be used for routine O&M for flood risk management. Routine funding includes \$66,000 for Biological Opinion compliance activities (related to threatened Central Valley Steelhead) previously budgeted under Environmental Stewardship. RC: \$1,014,000 - Funding will be used for routine O&M for recreation. EN: \$175,000 - Funding will be used for routine O&M for environmental stewardship. WS: \$8,000 - Funding will be used for routine management of water supply agreements.	-

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CA	SPD	NEW MELONES LAKE, DOWNSTREAM CHANNEL, CA	1,998,000	1,998,000	-	1,998,000	-	FRM: \$357,000 - Funding will be used for channel O&M for flood risk management. RC: \$1,165,000 - Funding will be used for routine O&M for recreation. EN: \$476,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	NEWPORT BAY HARBOR, CA	-	-	17,000	17,000	4	-	Newport - Load Geospatial Land Data Migration data into the Corps Map System
CA	SPD	NOYO RIVER AND HARBOR, CA	2,365,000	2,365,000	1,000,000	3,365,000	4	N: \$2,365,000 - Funding provides for maintenance dredging of the entrance channel, including access to the Coast Guard station.	Perform minimum maintenance dredging at Noyo Harbor
CA	SPD	OAKLAND HARBOR, CA	15,000,000	15,000,000	841,000	15,841,000	2	N: \$15,000,000 - Funding will be used for annual contract maintenance dredging of the Inner and Outer Harbor Channels to 49-foot deep. Amount also includes annual operation of the Fruitvale Avenue railroad bridge.	Oakland Harbor - Perform annual environmental monitoring at Deep Ocean Disposal site, perform annual environmental monitoring at Sonoma Baylands Wetlands Demonstration site, perform routine minimum maintenance at Fruitvale Avenue Railroad Bridge, perform ongoing real estate management and disposal of Tidal Canal and continuing environmental baseline investigation and developing a management plan to eventually transfer the property to the cities of Oakland and Alameda
CA	SPD	OCEANSIDE HARBOR, CA	2,285,000	2,285,000	300,000	2,585,000	2	N: \$2,285,000 - Funding will be used for routine maintenance dredging of the harbor entrance channel by contract	Oceanside Harbor - Perform advanced maintenance dredging
CA	SPD	OCEANSIDE HARBOR, CA	-	-	13,000	13,000	4	-	Oceanside - Load Geospatial Land Data Migration data into the Corps Map system
CA	SPD	PINE FLAT LAKE, CA	3,409,000	3,409,000	-	3,409,000	-	FRM: \$2,323,000 - Funding will be used for routine O&M for flood risk management. RC: \$983,000 - Funding will be used for routine O&M for recreation. EN: \$103,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	PORT SAN LUIS, CA	-	-	400,000	400,000	2	-	Port San Luis - Repair Breakwater
CA	SPD	PROJECT CONDITION SURVEYS, CA	1,794,000	1,794,000	-	1,794,000	-	PCS: \$1794,000 - Funds will be used to perform hydrographic surveys of Federal navigation channels in order to disseminate navigation channel conditions to users of the waterways.	-
CA	SPD	REDONDO BEACH (KING HARBOR), CA	-	-	500,000	500,000	4	-	Redondo Beach - Perform comprehensive condition survey of breakwater
CA	SPD	REDWOOD CITY HARBOR, CA	4,500,000	4,500,000	6,695,000	11,195,000	2	N: \$2,500,000 - Funding provides for maintenance dredging to achieve a project depth of 26 to 28 feet. Failure to dredge would result in imposed draft restrictions limiting commercial navigation.	Redwood City Harbor - Perform maintenance Dredging at San Bruno Shoal Channel, prepare Regional Dredged Material Management Plan, perform remaining dredging at Harbor Channel (3 of 3)
CA	SPD	RICHMOND HARBOR, CA	12,243,000	12,243,000	590,000	12,833,000	2	N: \$12,243,000 - Funding will be used for annual maintenance dredging of the Inner and Outer Harbors by contract. The Port of Richmond is the major tanker terminal in San Francisco Bay. Failure to dredge would result in imposed draft restrictions limiting commercial navigation.	Funds provided for Richmond Harbor Regional Dredged Material Management Plan and to perform minimal dredging by hopper dredge of the Richmond Outer Harbor
CA	SPD	SACRAMENTO RIVER (30 FOOT PROJECT), CA	1,100,000	1,100,000	-	1,100,000	-	N: \$1,100,000 - Funding will be used for routine O&M for navigation including levee maintenance, required environmental compliance, and maintenance dredging.	-

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CA	SPD	SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	2,042,000	2,042,000	-	2,042,000	-	N: \$1,185,000 - Funding will be used for routine O&M for flood risk management, including \$500,000 for Critical Infrastructure Protection and Resilience improvements. RC: \$705,000 - Funding will be used for routine O&M for recreation. EN: \$152,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	SACRAMENTO RIVER SHALLOW DRAFT CHANNEL, CA	160,000	160,000	242,000	402,000	4	N: \$160,000 - Funding will be used for inspections and maintenance of wing dams to ensure snags and other navigation hazards are properly cleared. Operational maintenance also includes replacement of the wing dam buoys	Load data for the Geospatial Land Data Migration into the Corps Map system and perform shallow draft routine safety buoy operations
CA	SPD	SAN DIEGO HARBOR, CA	-	-	500,000	500,000	2	-	San Diego Harbor - Perform sediment testing and engineering and design for dredging in South Bay Channel
CA	SPD	SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	1,001,000	1,001,000	-	1,001,000	-	RC: \$1,001,000 - Funding will be used for routine O&M of the Bay Delta model and visitor center.	-
CA	SPD	SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY, CA	500,000	500,000	400,000	900,000	2	N: \$500,000 - Funding will be used for USACE staff labor for the DMMO.	Additional funding for operation of Dredged Material Management Office
CA	SPD	SAN FRANCISCO HARBOR AND BAY, CA (DRIFT REMOVAL)	4,240,000	4,240,000	-	4,240,000	-	N: \$4,240,000 - Funding will be used for the routine removal of floating hazards in navigation channels by USACE vessels as well as debris dock repairs.	-
CA	SPD	SAN FRANCISCO HARBOR, CA	3,220,000	3,220,000	100,000	3,320,000	2	N: \$3,220,000 - Funding will be used for annual maintenance dredging of the Main Ship (Bar) Channel by USACE vessel ESSAYONS to 55-foot deep.	Continuation of San Francisco Harbor Regional Dredged Material Management Plan
CA	SPD	SAN JOAQUIN RIVER, PORT OF STOCKTON, CA	4,442,000	4,442,000	-	4,442,000	-	N: \$4,442,000 - Funding will be used for routine maintenance dredging of the channel to the authorized depth of 35 feet, compliance with mandated water quality certification, and establishment of programmatic agreements for Endangered Species Act.	-
CA	SPD	SAN PABLO BAY AND MARE ISLAND STRAIT, CA	1,180,000	1,180,000	810,000	1,990,000	2	N: \$1,180,000 - Funding will be used for annual maintenance dredging of the Pinole Shoal Channel by USACE vessel ESSAYONS in order to provide continued access to refineries, and the ports of Sacramento and Stockton.	Pinole Shoal Channel (Maint) - Perform minimal dredging with contract clamshell , provide San Pablo Bay Mare Island Strait Datum Corrective Action and Regional Dredged Material Management Plan
CA	SPD	SANTA ANA RIVER BASIN, CA	4,521,000	4,521,000	-	4,521,000	-	FRM: \$4,034,000 - Funding will be used for routine O&M of five flood risk management projects. RC: \$152,000 - Funding will be used for routine O&M for the oversight of leased recreation areas. EN: \$335,000 - Funding will be used for routine O&M for environmental stewardship including revision of the project master plan..	-
CA	SPD	SANTA BARBARA HARBOR, CA	2,760,000	2,760,000	380,000	3,140,000	2	N: \$2,760,000 - Funding provides for maintenance dredging of the project by contract.	Santa Barbara Harbor - Perform advance maintenance dredging
CA	SPD	SANTA CRUZ HARBOR, CA	-	-	400,000	400,000	1	-	Perform maintenance dredging
CA	SPD	SCHEDULING RESERVOIR OPERATIONS, CA	1,310,000	1,310,000	-	1,310,000	-	SRO: \$1,310,000 – Funds will be used to monitor, manage, operate, and maintain project stream gages, rain gages, and reservoir level gages that provide the raw hydrometer data required for project regulation.	-

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CA	SPD	SUCCESS LAKE, CA	2,423,000	2,423,000	-	2,423,000	-	FRM: \$1,491,000 - Funding will be used for routine O&M for flood risk management. Routine funding includes \$50,000 for Biological Opinion compliance activities previously budgeted under Environmental Stewardship. RC: \$816,000 - Funding will be used for routine O&M for recreation. EN: \$116,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	SUISUN BAY CHANNEL, CA	3,250,000	3,250,000	1,100,000	4,350,000	2	N: \$3,250,000 - Funding will be used for annual maintenance dredging of the main channel (including Bullshead Reach) by USACE vessel YAQUINA in order to prevent draft restrictions to oil tankers.	Suisun Bay Channel (Maint) - Perform minimal Dredging, and provide for Suisun Bay Channel Regional Dredged Material Management Plan
CA	SPD	TERMINUS DAM, LAKE KAWEAH, CA	2,212,000	2,212,000	-	2,212,000	-	FRM: \$1,356,000 - Funding will be used for routine O&M for flood risk management. RC: \$804,000 - Funding will be used for routine O&M for recreation. EN: \$52,000 - Funding will be used for routine O&M for environmental stewardship.	-
CA	SPD	VENTURA HARBOR, CA	4,830,000	4,830,000	2,500,000	7,330,000	2	N: \$4,830,000 - Funding will provide for routine maintenance dredging of the entrance channel by contract.	Ventura Harbor - Perform maintenance dredging of sand trap
CA	SPD	YUBA RIVER, CA	1,450,000	1,450,000	4,000	1,454,000	4	N: \$1,377,000 - Funding will be used for routine O&M for navigation. Routine funding includes \$1,277,000 for continued implementation of the measures required by the May 2014 Biological Opinion. EN: \$73,000 - Funding will be used for routine O&M for environmental stewardship.	Load data for Geospatial Land Data Migration into the CorpsMap system
CO	NWD	BEAR CREEK LAKE, CO	883,000	883,000	-	883,000	-	FRM: \$ 836,000 Funding will be used for routine O&M for flood risk management. It also includes non-routine maintenance to perform an interim risk reduction measure, a security risk assessment, embankment work, and update the Water Control Manual. RC: \$ 9,000 Funding will provide for routine O&M for recreation and associated real estate management. EN: \$ 38,000 Funding will be used for routine O&M for environmental stewardship. In an effort to manage and conserve natural resources, specific routine and non-routine activities for this year will include natural resource inventories, special status species monitoring, invasive species control (both pest and noxious weed), implementation of mitigation requirements, enhancement actions, real estate use evaluations and management plan updates.	-