

Water Summary - Uses/ Sources

<u>USES</u>	<u>FAMIS Project</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>
REGIONAL WATER			
Water Treatment Program:			
Tesla UV Facility	CUW27201	600,000	280,000
SWWTP & East Bay Fields	CUW27202	2,970,000	902,000
HTWTP & West Bay Fields	CUW27203	<u>2,552,000</u>	<u>2,709,000</u>
Subtotal		6,122,000	3,891,000
Water Transmission Program:			
Corrosion Protection Capital Upgrades	CUW27301	1,850,000	1,900,000
Pipeline Inspection and Repair Project	CUW27302	1,010,000	1,080,000
Pump Station Upgrades	CUW27304	3,410,000	1,180,000
Pipeline Improvement Program	CUW27305	5,450,000	13,250,000
Valve Replacement	CUW27306	3,013,000	3,350,000
Vault Upgrades	CUW27307	338,000	675,000
Calaveras Micro Turbine	CUW27308	2,860,000	0
Metering Upgrades	CUW27309	<u>200,000</u>	<u>200,000</u>
Subtotal		18,131,000	21,635,000
Water Supply & Storage Program:			
Dam Structural Upgrades	CUW27401	1,589,000	1,817,000
Potable Reuse & Other Supplies	CUW27401	2,400,000	4,500,000
Merced Manor Reservoir Facilities Repairs	Reclass	574,000	591,000
Daly City Recycled Water Expansion	New	<u>3,000,000</u>	<u>0</u>
Subtotal		7,563,000	6,908,000
Watersheds & Land Management:			
Long Term Monitoring & Permit Program (Capital)	CUW28600	12,002,500	0
Watershed Roads and ROW Management	CUW27512	1,504,000	1,504,000
Watershed Cottage/Buildings Upgrades	CUW27513	<u>486,000</u>	<u>486,000</u>
Subtotal		13,992,500	1,990,000
Communication & Monitoring Program:			
Microwave Backbone Upgrade	CUW27601	0	450,000
WSTD Security System	CUW27602	<u>939,000</u>	<u>544,000</u>
Subtotal		939,000	994,000
Buildings and Grounds Programs:			
Sunol Yard	CUW27701	6,032,000	3,703,000
Millbrae Yard Upgrade	CUW27703	<u>2,490,000</u>	<u>2,518,000</u>
Subtotal		8,522,000	6,221,000
REGIONAL WATER TOTAL		55,269,500	41,639,000
LOCAL WATER			
Automated Water Meter Program	CUW686	1,000,000	1,000,000
Local Water Conveyance /Distribution System	CUW280	54,500,000	56,100,000
Buildings & Grounds Improvements - Local	CUW688	750,000	1,000,000
Systems Monitoring & Control	CUW282	100,000	500,000
Local Tanks/Reservoir Improvements	CUW283	3,000,000	500,000
Pump Station Improvements	CUW284	<u>2,500,000</u>	<u>1,500,000</u>
LOCAL WATER TOTAL		61,850,000	60,600,000
Base Funded by WSIP:			
San Francisco Groundwater Supply	CUW30102	4,995,000	0
SF Westside Recycled Water Project	CUW30201	21,306,000	6,500,000
Calaveras Dam	CUW374	15,000,000	20,000,000
Alameda Creek Diversion Dam	CUW374	10,000,000	7,000,000
New Irvington Tunnel	CUW359	5,000,000	0
Seismic Upgrade of BDPL 3&4	CUW353	2,000,000	0
Bioregional Habitat Restoration Program	CUW38802	6,000,000	0
Alameda Creek	CUW352	5,000,000	0
Regional Groundwater Storage & Recovery	CUW30103	<u>1,748,000</u>	<u>0</u>
WSIP Augmentation - Subtotal		71,049,000	33,500,000
Total Uses - Project		188,168,500	135,739,000
Financing Costs		18,492,090	13,584,530
Total Supplemental Appropriation		206,660,590	149,323,530
SOURCES			
Revenue		18,341,000	27,830,000
Revenue Bonds (Including Financing Costs)		127,269,090	93,493,530
Revenue Bonds - Re-appropriation		56,750,500	27,000,000
Capacity Fee		<u>4,300,000</u>	<u>1,000,000</u>
Total SOURCES		206,660,590	149,323,530
Surplus / Shortfall		<u>0</u>	<u>0</u>

Wastewater Summary - Uses/ Sources

<u>USES</u>	<u>FAMIS Project</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>
Sewer System Improvement Program:			
Program Wide Efforts	CWWSIPPRPL00	6,000,000	6,000,000
Land Reuse	CWWSIPPRPL00	28,108,000	0
Subtotal		34,108,000	6,000,000
Treatment Plant Facilities:			
Digester Project	CWWSIPDP00	89,976,000	257,552,000
Southeast Plant - New 250 MGD Grit Improvement	CWWSIPSE00	34,198,000	76,427,000
Southeast Plant	CWWSIPSE00	5,881,000	95,433,000
North Point Facility	CWWSIPTNP00	0	57,287,000
Oceanside Plant	CWWSIPTPOP00	0	86,309,000
Subtotal		130,055,000	573,008,000
Sewer/Collection Systems:			
Central Bayside System Improvements	CWWSIPCT00	0	38,069,000
Collection System Improvements	CWWSIPCS00	0	4,407,000
Collection System/Reliability Program	CWWSIPCSD00	0	7,738,000
Collection Systems/Pump Stations	CWWSIPCSPS00	0	20,105,000
Subtotal		0	70,319,000
Stormwater Management/Flood Control:			
Flood Resilience	CWWSIPFR00	6,230,000	14,400,000
Collection System Hydraulic Improvements	CWWSIPFR00	4,208,000	4,376,000
Green Infrastructure Projects	CWWSIPFCDB00	1,320,000	1,158,000
Advanced Rainfall/Operating Decision System	CWWSIPFCRP00	0	1,299,000
Subtotal		11,758,000	21,233,000
SSIP TOTAL		175,921,000	670,560,000
Renewal and Replacement:			
Collection System - Condition Assessment	CWWRNROI	3,781,000	3,327,000
Collection System - Salt Water Intrusion	CWWRNR	1,100,000	1,139,000
Collection System - Sewer Improvements	CWWRNRCS	57,598,000	59,902,000
Collection System - Spot Sewer	CWWRNR	21,121,000	21,965,000
Subtotal		83,600,000	86,333,000
Treatment Facilities	CWWRNRTF0000	13,715,000	14,402,000
Treasure Island	CWP11001	0	20,463,000
Ocean Beach Project	CWWFAC01	2,000,000	4,000,000
Southeast Community Center Improvements	CWWFAC03	5,000,000	5,000,000
Islais Creek Outfall	CWWFAC04	5,000,000	10,000,000
Subtotal		12,000,000	19,000,000
Total Uses - Projects		285,236,000	810,758,000
Financing Cost	CWW30001	27,616,320	91,590,960
Total Supplemental Appropriation		312,852,320	902,348,960
<u>SOURCES</u>			
Revenue	CWWRNRCS0000	43,000,000	45,000,000
Revenue Bonds (Including Finance Costs)	WWE30001	257,752,320	854,848,960
Capacity Fee	CWWRNRCS0000	12,100,000	2,500,000
Total SOURCES		312,852,320	902,348,960
Surplus / Shortfall		0	0

Hetch Hetchy Summary - Uses/ Sources

<u>USES</u>	<u>FAMIS Project</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>
Hetch Hetchy Power			
Streetlights:			
Various Streetlighting Replacement & Repairs	CUH896	550,000	550,000
Various Streetlighting Area Improvements	CUH896	1,000,000	1,000,000
Holiday & Festivity Pole Use	CUH896	200,000	200,000
Pedestrian Lighting Project	CUH896	460,000	460,000
Street & Pedestrian Light Pole Assessment	CUH896	500,000	500,000
Streetlights Pole Rehabilitation	CUH896	800,000	800,000
Subtotal		3,510,000	3,510,000
Renewable/Generation:			
Small Renewables	CUH993	1,000,000	1,000,000
Small Hydro	CUH994	100,000	100,000
Subtotal		1,100,000	1,100,000
Energy Efficiency:			
Civic Center Sustainability District	CUH983	300,000	300,000
General Fund	CUH986	700,000	700,000
Subtotal		1,000,000	1,000,000
Redevelopment:			
New Underground 12-kV Distribution System in TI & YBI	CUH980	2,100,000	2,100,000
Alice Griffith/Candlestick Point	New	4,000,000	5,000,000
Subtotal		6,100,000	7,100,000
Approved Candidates - Hetchy Power:			
Distribution Services for Retail Customers	New	20,000,000	20,000,000
HETCHY POWER TOTAL		31,710,000	32,710,000
Hetch Hetchy Water			
Water Infrastructure:			
San Joaquin Pipeline Rehabilitation	CUH10001	5,100,000	10,000,000
Subtotal		5,100,000	10,000,000
Power Infrastructure:			
Power System Impact Mitigation	CUH661	5,937,594	0
Powerhouse Projects	CUH10102	0	14,000,000
Transmission Lines Clearance Mitigation	CUH101	1,800,000	1,800,000
Kirkwood Penstock	CUH10113	4,000,000	0
Subtotal		11,737,594	15,800,000
Joint Projects:			
Hetch Hetchy Facilities - Upgrades	CUH10202	3,400,000	0
Mountain Tunnel Access/Adit Improvement	CUH10219	1,253,000	415,000
Mountain Tunnel Inspection and Repair	CUH10220	8,538,000	11,272,000
Mountain Tunnel Improvement Project	CUH10221	10,814,000	14,920,000
Road Improvements	CUH10209	1,800,000	1,800,000
Subtotal		25,805,000	28,407,000
HETCHY WATER TOTAL		42,642,594	54,207,000
Total Uses - Projects		74,352,594	86,917,000
Financing Costs - Water Bonds		2,005,470	2,733,978
Financing Costs - Power Bonds		0	3,449,238
Total - Financing Costs		2,005,470	6,183,216
Total Supplemental Appropriation		76,358,064	93,100,216
<u>SOURCES</u>			
Revenue		38,602,750	33,000,000
Revenue Bonds - Water (Including Finance Costs)		18,717,720	25,517,128
Revenue Bonds - Power (Including Finance Costs)		0	32,483,088
Power Bonds - Re-appropriation		11,000,000	0
Developer Fees		5,937,594	0
Cap and Trade Auction		2,100,000	2,100,000
Total SOURCES		76,358,064	93,100,216
Surplus / Shortfall		<u>0</u>	<u>0</u>