

File No. 111159

Committee Item No. 4

Board Item No. _____

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Budget and Finance Committee

Date: November 2, 2011

Board of Supervisors Meeting

Date _____

Cmte Board

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Completed by: Victor Young

Date: October 28, 2011

Completed by: Victor Young

Date: _____

An asterisked item represents the cover sheet to a document that exceeds 25 pages. The complete document is in the file.



San Francisco
Water Power Sewer
 Services of the San Francisco Public Utilities Commission

*Orig: Joy
 C: BF Chair
 BF Clerk
 cpage*

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October 25, 2011

Angela Calvillo
 Clerk of the Board of Supervisors
 1 Dr. Carlton B. Goodlett Place
 City Hall, Room 244
 San Francisco, CA 94102

RECEIVED
 BOARD OF SUPERVISORS
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**Subject: Water System Improvement Program (WSIP) Project
 Release of Reserve CUW374 – \$27,283,174**

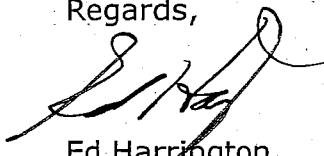
Dear Ms. Calvillo:

I would like to request your assistance to have calendared a release of reserve on WSIP Project CUW374 – Calaveras Dam Replacement, a component project within the Sunol Valley Water Region.

As part of the \$1.9 billion and \$1.6 billion WSIP Supplemental Appropriations, new project appropriations that exceed \$100 million were placed on Board of Supervisors reserve.

Release of reserve funding is needed at this time to fund approved WSIP projects within the Sunol Valley Water Region.

Regards,


 Ed Harrington
 General Manager

- Edwin M. Lee
Mayor
- Anson Moran
President
- Art Torres
Vice President
- Ann Moller Caen
Commissioner
- Francesca Vietor
Commissioner
- Vince Courtney
Commissioner
- Ed Harrington
General Manager



Items 3 and 4
Files 11-1031 and 11-1159

Department:
 Public Utilities Commission (PUC)

EXECUTIVE SUMMARY

Legislative Objectives

File 11-1031: The proposed supplemental appropriation ordinance would (a) reappropriate \$304,120,801 from existing Water System Improvement Program (WSIP) project budgets, appropriating \$159,661,152 to increase five WSIP project region budgets and appropriating \$144,459,649 to a new WSIP Program-wide Reserve Fund, (b) authorize the PUC to move any future WSIP project savings to the WSIP Program-wide Reserve Fund, (c) place \$215,338,107 as well as all future WSIP project savings on Budget and Finance Committee Reserve, and (d) release \$249,562,922 in WSIP project funding, including \$27,283,174 in funding for the Calaveras Dam replacement project, from existing Budget and Finance Committee reserves.

File 11-1159: The PUC has requested the release of \$27,283,174 currently on Budget and Finance Committee reserve to fund the construction of the Calaveras Dam replacement project.

Key Points

- The Budget and Finance Committee previously considered this proposed subject supplemental appropriation ordinance (File 11-1031) on September 28, 2011, at which time the ordinance was continued to the call of the Chair.
- The PUC has revised the previously considered ordinance (File 11-1031). Such revisions include (a) a reduction in the requested reappropriation from \$314,092,249, to \$304,120,801; (b) a reduction in the proposed WSIP Program-wide Reserve Fund from \$161,431,097 to \$144,459,649; (c) replacement of a request to place \$227,779,748 on Controller's reserve with a request to instead place \$215,338,107 and all future WSIP project savings on Budget and Finance Committee reserve; and (d) a request to release \$249,562,922 of the \$484,864,052 which are currently on Budget and Finance Committee reserve, including the \$27,283,174 for the Calaveras Dam replacement project that is also being separately requested for release from Budget and Finance Committee reserves (File 11-1159).

Fiscal Impacts

- The proposed supplemental appropriation (File 11-1031) does not increase the total estimated \$4,113,856,261 WSIP project costs. Instead, the PUC would reappropriate \$304,120,801 from six WSIP project regions with budget surpluses including (a) \$159,661,152 for five WSIP project regions and (b) \$144,459,649 for a new WSIP Program-wide Reserve Fund.
- Under the proposed ordinance (File 11-1031), the \$144,459,649 for the new WSIP Program-wide Reserve Fund would be placed on Budget and Finance Committee Reserve and would only be released after the PUC submits detailed expenditure requests to the Budget and Finance Committee. Additional future additions to the WSIP Program-Wide Reserve fund would come from any savings at closeout of WSIP projects. All expenditures from the WSIP Program-wide Reserve Fund would be subject to Budget and Finance Committee release from Reserve.

Recommendations

Approve the proposed ordinance (File 11-1031) and requested release of reserves (File 11-1159).

MANDATE STATEMENT AND BACKGROUND

Mandate Statement

File 11-1031: In accordance with City Charter Section 9.105, amendments to the annual appropriation ordinance are subject to approval by the Board of Supervisors, by ordinance, and are subject to the Controller certifying the availability of funds.

File 11-1159: In accordance with Section 3.3 of the City's Administrative Code, the committee of the Board of Supervisors that has jurisdiction over the budget (i.e., Budget and Finance Committee) may place requested expenditures on reserve until released by the Budget and Finance Committee of the Board of Supervisors.

Background

The San Francisco Public Utilities Commission (PUC)'s Water System Improvement Program (WSIP) consists of 86 projects organized into 11 project regions to repair, replace, and seismically upgrade the Hetch Hetchy water system's aging pipelines, tunnels, pumps, tanks, reservoirs and dams. PUC commenced the WSIP in FY 2002-2003 and is scheduled to complete all projects by the end of July 2016. The approved WSIP project budget is \$4,113,856,261. WSIP is funded with PUC Water Revenue Bonds, which will be repaid from water rate revenues paid by PUC water customers.

The PUC has approved a revised WSIP budget request, (a) increasing the budgets of five WSIP project regions; (b) reducing the budgets of six WSIP projects; and (c) creating a new WSIP Program-wide Reserve Fund. These budget revisions resulted in no net change to the overall WSIP program budget of \$4,113,856,261.

According to PUC General Manager Mr. Ed Harrington, the proposed WSIP project budget re-appropriations are necessary in order to:

- Incorporate the latest project schedule and cost forecasts based on the most recent information available, including the status of change orders, trends, risks and contingencies reported by the various construction management (CM) teams;
- Incorporate the latest scope changes and refinements approved by the WSIP Change Management Board and WSIP Director;
- Incorporate the recent construction bids and the near-term effects of the economic recession into construction cost estimates;
- Provide more realistic project baselines for performance measurements;
- Consolidate project cost savings accumulated to date in a Program Management Reserve; and
- Ensure compliance with the California Water Code.¹

The PUC is now seeking Board of Supervisors approval of these WSIP budget re-appropriations.

¹ Report to the California Seismic Safety Commission and the California Department of Public Health, Sept. 1, 2011

Previously Reserved Funds

There are existing Budget and Finance Committee Reserves on various WSIP project funds totaling \$484,864,052, as shown in Table 1 below. The \$484,864,052 was placed on Budget and Finance Committee reserve for those WSIP projects exceeding \$100 million, pending review and release by the Budget and Finance Committee (File 10-0337).

The Board of Supervisors Budget and Finance Committee originally considered the proposed ordinance (File 11-1031) on September 28, 2011, at which time the Budget and Finance Committee continued the ordinance to the Call of the Chair. The PUC has submitted revisions to the original ordinance. The Budget and Legislative Analyst's report is based on the revised subject ordinance.

On the advice of the City Attorney's Office, the PUC submitted a separate request for release of \$27,283,174 on Budget and Finance Committee reserve (File 11-1159). It should be noted that this requested release of \$27,283,174 is also part of File 11-1031 under the requested release of \$249,562,922 from Budget and Finance Committee reserve.

DETAILS OF PROPOSED LEGISLATION

File 11-1031

The Public Utilities Commission (PUC) is requesting the proposed supplemental appropriation ordinance to reappropriate the budget for the PUC's Water System Improvement Program (WSIP) to reflect the most current estimates for each project region and to provide a WSIP Program-wide Reserve Fund to allow for future potential project budget increases. Under the proposed ordinance, \$304,120,801 of the previously appropriated \$4,113,856,261 in total WSIP project costs would be reappropriated in order to (a) reduce the project budgets in six of the 11 WSIP project regions having surplus monies for a total reduced cost of \$304,120,801; (b) increase the project budgets in five of the 11 WSIP project regions for a total increased cost of \$159,661,152; (c) create a new \$144,459,649 WSIP Program-wide Reserve Fund, (d) place this \$215,338,107 and all future WSIP project savings on Budget and Finance Committee Reserve; and (e) release \$249,562,922 of the \$484,864,052 which are currently on Budget and Finance Committee reserve. (see Table 1 below).

Decreased Costs for Six WSIP Project Regions Having Surplus Monies

Under the proposed ordinance, six of the eleven WSIP project region's budgets would be reappropriated from surplus monies totaling \$304,120,801 as detailed in Attachment I to this report.

Increased Costs for Five WSIP Project Regions

Under the proposed ordinance, the budgets for the remaining five of the eleven WSIP project regions have an estimated deficit of \$159,661,152, as detailed in Attachment II to this report. Such increased costs are due to delays in the completion of the WSIP by approximately eight months, from December 2015 to July 2016, as well as construction and scope changes in various

projects. Attachment II provides a project-by-project breakdown of the five WSIP project regions subject to the proposed project budget increases totaling \$159,661,152.

New WSIP Program-wide Reserve Fund

The PUC is also requesting an appropriation of \$144,459,649 (total reappropriation of \$304,120,801 less \$159,661,152 for cost increases to other WSIP project regions) for a newly created WSIP Program-wide Reserve Fund. The \$144,459,149 placed in this new WSIP Program-wide Reserve Fund, as well as any future additional monies added to this WSIP Program-wide Reserve Fund, would be placed on Budget and Finance Committee reserve. All requested expenditures for this Fund would be released only after the PUC submits detailed expenditure requests to the Budget and Finance Committee.

According to Mr. Surinderjeet Bajwa, PUC Project Management Bureau Manager and WSIP Deputy Director for Pre-Construction, the WSIP Program-wide Reserve Fund would be the future source of funds for any WSIP project costs that exceed the June 2011 Revised WSIP project budgets, that are reflected in the proposed request.

Under the proposed ordinance, the funding level of the proposed WSIP Program-wide Reserve Fund could be increased by the PUC, above the requested \$144,459,649, if (a) the value of construction contracts awarded in the future is less than the budget allocated for the work, or (b) a WSIP project is completed with surplus funds remaining in the project. However, because all of the funds in the newly created WSIP Program-wide Reserve Fund would be placed on Budget and Finance Committee Reserve, the expenditure of all monies from the WSIP Program-wide Reserve Fund would be subject to release by the Budget and Finance Committee, subject to the PUC submitting detailed budget requests to the Budget and Finance Committee.

According to Ms. Julie Labonte, PUC WSIP Director, under the proposed WSIP budget reappropriation, each WSIP project budget includes a ten percent construction contingency. Ms. Labonte advises that the proposed Program-wide Reserve Fund would be available to potentially fund all increased costs above this budgeted ten percent construction contingency. Under the proposed ordinance, the PUC would make requests for release of reserves from the WSIP Program-wide Reserve Fund in concert with the PUC's quarterly reports to the Board of Supervisors Budget and Finance Committee.

Additional Budget and Finance Committee Reserved Funds

As shown in Table 1 below, there is currently \$484,864,052 previously placed on reserve by the Budget and Finance Committee. Under the proposed ordinance, the PUC is requesting the release of \$249,562,922 from the previously reserved funds of \$484,864,052 for the first four projects listed in the second column of Table 1. This \$249,562,922 release request includes \$27,283,174 for the Calaveras Dam replacement project that is also being separately requested for release from Budget and Finance Committee reserve (File 11-1159). In addition, under the proposed ordinance, an additional \$215,338,107 in existing WSIP funds would be placed on Budget and Finance Committee Reserve for three projects, including (a) \$41,659,458 for the Habitat Reserve Program, (b) \$29,219,000 for the San Francisco Recycled Water Project, and (c)

\$144,459,649 for the proposed newly created WSIP Program-wide Reserve Fund as shown in the second column of Table 1 below. Therefore, under the proposed ordinance, the new Budget and Finance Committee Reserve would be \$450,639,237, (\$484,864,052 less \$249,562,922 plus \$215,338,107) as shown in Table 1.

Table 1. WSIP Projects on Budget and Finance Committee Reserve

Project	Existing Budget and Finance Committee Reserves	Proposed Release of Reserve Changes	New Budget and Finance Committee Reserve
San Joaquin Pipeline System	\$94,148,737	(\$94,148,737)	\$0
Calaveras Dam Replacement*	54,112,380	(27,283,174)*	26,829,206
HTWTP Long Term Improvements	94,201,709	(94,201,709)	0
Crystal Springs/San Andreas Upgrade	33,929,302	(33,929,302)	0
Subtotal: Release of Reserves	\$276,392,128	(\$249,562,922)	\$26,829,206
Alameda Creek Fishery Enhancement	\$15,314,352	\$0	\$15,314,352
Peninsula Pipeline Seismic Upgrade	10,242,545	0	10,242,545
Regional Groundwater Storage/Recovery	33,490,259	0	33,490,259
Program Management Services - WSIP	34,897,331	0	34,897,331
Lake Merced Water Level Restoration	22,919,437	0	22,919,437
Subtotal: No Change	\$116,863,924	\$0	\$116,863,924
Recycled Water Project San Francisco	\$91,608,000	\$29,219,000	\$120,827,000
Habitat Reserve Program	0	41,659,458	41,659,458
WSIP Program-Wide Reserve	0	144,459,649	144,459,649
Subtotal: Additional Reserves	\$91,608,000	\$215,338,107	\$306,946,107
Total WSIP Projects	\$484,864,052	(\$34,224,815)	\$450,639,237

* Release of \$27,283,174 in Budget and Finance Committee reserves for the Calaveras Dam Replacement is being requested in both the supplemental appropriation ordinance (File 11-1031) and the request for release of reserves (File 11-1159). As noted in Table 1 above, the \$27,283,174 is part of the requested release of \$249,562,922.

File 11-1159

The PUC has requested the release of \$27,283,174 currently on Budget and Finance Committee reserve to fund the construction of the Calaveras Dam replacement project. Section 7 of the proposed supplemental appropriation ordinance (File 11-1031) also includes language requesting the release of the subject \$27,283,174 for the Calaveras Dam replacement project, and the requested release is included in the "Additional Budget and Finance Committee Reserved Funds" section above, as well as in the second column of Table 1 above, for a total requested release of \$249,562,922.

FISCAL IMPACTS

The six WSIP project regions with net surpluses totaling \$304,120,801 that are proposed for reappropriation are summarized in Table 2, below. Attachment I provides a project-by-project breakdown for each of these six WSIP regions.

Table 2: WSIP Project Regions Having Surplus Monies Proposed for Reappropriation

WSIP Project Region	Source Amount
Peninsula Water System Improvement Projects	\$120,871,714
Bay Division Water System Improvement Projects	79,279,915
San Joaquin Water System Improvement Projects	93,435,512
San Francisco Local Pump Station/Tanks	6,241,042
San Francisco Local Pipeline/Valves	3,874,758
San Francisco Local Miscellaneous	417,860
Total	\$304,120,801

Source: PUC

Under the proposed ordinance, the PUC would reappropriate \$304,120,801 in surplus monies from six WSIP project regions, as shown in Table 2 above, including \$159,661,152 appropriated for five WSIP project regions that have estimated deficits, and \$144,459,649 appropriated for a new WSIP Program-wide Reserve Fund, as shown in Table 2 above and Table 3 below.

As shown in Table 3 below, \$144,459,649 would be appropriated for the new WSIP Program-wide Reserve Fund and \$159,661,152 would be appropriated for five WSIP project regions that have estimated deficits.

Table 3: Uses of Reappropriated Funds

Uses	Use Amount
New WSIP Program-wide Reserve Fund	\$144,459,649
WSIP Project Regions	
System Wide Region	\$64,187,685
Water Supply Projects	50,224,424
San Francisco Regional Water System Projects	33,758,840
Sunol Valley Water System Improvement Projects	9,080,414
San Francisco Local Reservoirs	2,409,789
<i>WSIP Project Regions Subtotal (see Attachment II)</i>	<i>159,661,152</i>
Total	\$304,120,801

Source: PUC

POLICY CONSIDERATION**The Proposed Revised Ordinance Meets the Policy Concerns
Previously Raised by the Budget and Legislative Analyst in the
September 28, 2011 Report to the Budget and Finance Committee**

The concerns previously reported by the Budget and Legislative Analyst have been addressed under the proposed revised ordinance in that under the ordinance previously considered by the Budget and Finance Committee, monies expended from the WSIP Program-wide Reserve Fund would not have been subject to release by the Budget and Finance Committee of the Board of Supervisors. Under this proposed ordinance (File 11-1031), all expenditures from the WSIP Program-wide Reserve Fund would be subject to release by the Budget and Finance Committee.

RECOMMENDATIONS

Approve the proposed ordinance (File 11-1031) and requested release of reserves (File 11-1159).

WSIP Budget Summary as of 8/1/2011

ATTACHMENT I

REGION	June 2009 Adopted Budget	W Commission Budget, June 2011	Requested Appropriation (Deappropriation)
Project			
PENINSULA WATER SYSTEM IMPROVEMENT PROJECTS	894,784,082	773,912,365	(120,871,717)
CUW354 LOWER CRYSTAL SPRINGS DAM IMPROVEMENTS	36,253,097	33,510,000	(2,743,097)
CUW356 NEW CRYSTAL SPRINGS BYPASS TUNNEL	94,608,996	86,444,995	(8,164,001)
CUW357 ADIT LEAK REPAIRS (CS/CALV RES)	2,792,885	2,787,322	(5,563)
CUW361 PULGAS BALANCING RESERVOIR REHAB	34,099,826	32,322,576	(1,777,250)
CUW365 CROSS CONNECTION CONTROLS	3,802,674	3,965,943	183,269
CUW366 HTWTP SHORT TERM IMPROVEMENTS PH A	24,038,226	23,096,308	(941,918)
CUW36701 HTWTP LONG TERM IMPROVEMENTS	359,063,409	279,153,369	(79,910,040)
CUW36702 PENINSULA PIPELINE SEISMIC UPGRADE	15,000,000	30,616,959	15,616,959
CUW369 CAPUCHINO VALVE LOT CAPACITY IMPROVEMENT	2,818,378	2,803,153	(15,225)
CUW371 CRYSTAL SPRINGS/SAN ANDREAS UPGRADE	192,070,722	164,722,000	(27,348,722)
CUW378 CRYSTAL SPRINGS PL #2 REPLACE (IN CITY)	71,243,333	57,469,321	(13,774,012)
CUW379 SAN ANDREAS #3 PIPELINE INSTALLATION	31,903,033	29,910,051	(1,992,982)
CUW391 BADEN AND SAN PEDRO VALVE LOT	27,089,503	27,110,368	20,865
BAY DIVISION WATER SYSTEM IMPROVEMENT PROJECTS	785,113,676	705,833,760	(79,279,915)
CUW353 SEISMIC UPGRADE BDPL @ HAYWARD FAULT	112,924,498	119,214,389	6,289,871
CUW363 INSTALLATION OF SCADA SYSTEM PH II	27,812,864	10,420,832	(17,392,032)
CUW368 BDPL HYDRAULIC RELIABILITY UPGRADE	600,174,492	531,418,649	(68,755,843)
CUW380 BDPL NO 3&4 CROSS CONNECTION	33,944,441	33,253,264	(691,177)
CUW389 EBMUD INTERTIE	8,429,072	9,559,755	1,130,683
CUW393 BDPL#4 CONDITION ASSESSMENT PCCP SECTION	2,029,308	1,986,891	(61,417)
SAN JOAQUIN WATER SYSTEM IMPROVEMENT PROJECTS	430,052,456	523,487,968	(93,435,512)
CUW364 LAWRENCE LIVERMORE SUPPLY IMPROVEMENTS	3,800,231	4,205,166	304,935
CUW373 SAN JOAQUIN PIPELINE SYSTEM	309,907,722	219,647,267	(90,260,455)
CUW384 TESLA TREATMENT FACILITY	114,162,348	110,683,233	(3,479,115)
CUW387 TESLA PORTAL DISINFECTION STATION	2,082,155	2,081,278	(877)
SAN FRANCISCO LOCAL PUMP STATION/TANKS	187,437,689	161,196,647	(6,241,042)
CUW308 CROCKER AMAZON PUMP STATION UPGRADE	4,126,498	4,126,498	0
CUW309 LAKE MERCED PUMP STATION UPGRADE	49,340,000	47,292,400	(2,047,600)
CUW314 LA GRANDE TANK REHAB/SEISMIC UPGRADE	6,987,728	6,987,728	0
CUW318 FOREST HILL TANK REHAB/SEISMIC UPGRADE	2,936,199	2,936,199	0
CUW320 FOREST HILL PUMP STATION UPGRADE	7,200,000	7,563,000	383,000
CUW321 FOREST KNOLLS PUMP STATION UPGRADE	6,395,000	6,245,000	(150,000)
CUW322 LINCOLN PARK PUMP STATION UPGRADE	4,341,621	4,345,215	3,594
CUW323 MCLAREN PARK PUMP STATION UPGRADE	29,352,400	29,210,000	(142,400)
CUW324 MOUNT DAVIDSON PUMP STATION UPGRADE	4,573,500	4,578,500	5,000
CUW325 PALO ALTO PUMP STATION UPGRADE	6,484,000	6,254,000	(230,000)
CUW326 SKY VIEW/AQUA VISTA PUMP ST UPGRADES	4,920,000	4,751,094	(168,906)
CUW327 SUMMIT PUMP STATION UPGRADE	6,531,105	6,546,113	15,008
CUW328 MCLAREN #1 TANK REHAB/SEISMIC UPGRADE	4,684,430	4,659,910	(24,520)
CUW329 POTRERO HEIGHTS TANK REHAB/UPGRADE	1,084,863	1,084,863	0
CUW330 FOREST KNOLLS TANK REHAB/UPGRADE	3,675,000	3,575,000	(100,000)
CUW331 LINCOLN PARK TANK REHAB/SEISMIC UPGRADE	2,690,656	2,690,656	0
CUW332 MCLAREN #2 TANK REHAB/SEISMIC UPGRADE	4,459,119	4,458,201	(918)
CUW333 MOUNT DAVIDSON TANK REHAB/UPGRADE	2,894,000	2,829,000	(65,000)
CUW336 LE GRANDE PUMP STATION UPGRADE	7,205,000	5,225,000	(1,980,000)
CUW339 POTRERO HEIGHTS PUMP STATION UPGRADE	605,670	605,670	0
CUW340 VISTA FRANCISCO PUMP STATION UPGRADE	6,950,900	5,212,600	(1,738,300)
CUWSLP SF LOCAL PUMP STATIONS/TANKS	0	0	0
SAN FRANCISCO LOCAL PIPELINE/VALVES	85,458,489	81,583,731	(3,874,758)
CUW304 NORTH UNIVERSITY MOUND SYSTEM UPGRADE	12,850,000	11,450,000	(1,400,000)
CUW308 KEY MOTORIZED/OTHER CRITICAL VALVES	10,984,746	10,984,746	0
CUW311 SUNSET CIRCULATION IMPROVEMENTS	6,983,984	7,073,054	89,070
CUW312 LINCOLN WAY TRANSMISSION LINE	13,950,000	13,950,000	0
CUW313 NOE VALLEY TRANSMISSION MAIN PH2	7,382,000	5,667,000	(1,725,000)
CUW315 EAST WEST TRANSMISSION MAIN	28,600,000	27,755,000	(845,000)
CUW316 FULTON@6TH 30" MAIN REPLACEMENT	4,707,759	4,713,931	6,172
CUWSLV SF LOCAL PIPELINES VALVES	0	0	0
SAN FRANCISCO LOCAL MISCELLANEOUS	6,136,876	5,719,016	(417,860)
CUW303 VEHICLE SERVICE & FACILITY UPGRADE	4,461,400	4,043,540	(417,860)
CUW305 FIRE PROTECTION AT CDD	1,675,476	1,675,476	0
TOTAL	\$2,368,983,267	\$2,251,733,487	(\$304,120,804)

WSIP Budget Summary as of 8/1/2011

ATTACHMENT II

REGION Project	WSIP		Requested Appropriation (Deappropriation)
	June 2009 Adopted Budget	Commission Budget, June 2011	
SYSTEM WIDE REGION	\$189,767,810	\$253,945,595	\$64,187,685
CUW38302 SYSTEM SECURITY UPGRADE	0	16,667,553	16,667,553
CUW388 01 ENVIRONMENTAL IMPACT PROJECT (PEIR)	11,086,441	10,730,307	(356,134)
CUW388 02 HABITAT RESERVE PROGRAM	48,146,219	89,805,677	41,659,458
CUW392 PROGRAM MANAGEMENT SERVICES - WSIP	110,525,250	116,742,058	6,216,808
CUW394 WATERSHED ENVIRONMENTAL IMPROVEMENTS	20,000,000	20,000,000	0
WATER SUPPLY PROJECTS	231,088,110	281,312,534	50,224,424
CUW30101 LAKE MERCED WATER LEVEL RESTORATION	32,667,508	32,667,508	0
CUW30102 SAN FRANCISCO GROUNDWATER SUPPLY	38,700,004	61,557,004	22,857,000
CUW30201 RECYCLED WATER PROJECT SAN FRANCISCO	125,922,889	155,141,889	29,219,000
CUW30202 RECYCLED WATER PROJECT PACIFICA (Closed)	348,207	0	(348,207)
CUW30204 HARDING PARK RECYCLED WATER	9,611,818	9,046,133	(565,685)
CUW30205 SAN FRANCISCO EASTSIDE RECYCLED WATER	22,900,000	22,900,000	0
CUW390 SF BAY AREA DESALINATION PLANT	937,684	0	(937,684)
SAN FRANCISCO REGIONAL WATER SYSTEM PROJECTS	160,330,360	194,089,200	33,758,840
CUW30103 REGIONAL GROUNDWATER STORAGE/RECOVERY	49,848,731	85,291,731	35,443,000
CUW358 SUNSET RES - UPGRADE/REHAB NORTH BASIN	64,334,929	64,374,385	39,458
CUW372 U MOUND RES - UPGRADE (NORTH BASIN)	46,146,700	44,423,084	(1,723,616)
SAN FRANCISCO LOCAL RESERVOIRS	109,708,947	112,118,736	2,409,789
CUW307 SUMMIT RES REHAB/SEISMIC UPGRADE	13,050,000	13,050,000	0
CUW319 HUNTERS POINT RES REHAB/SEISMIC UPGRADE	8,925,000	3,597,000	(5,328,000)
CUW334 STANFORD HEIGHTS RES REHAB/UPGRADE	24,110,000	23,635,000	(475,000)
CUW335 POTRERO HEIGHTS RES REHAB/UPGRADE	6,838,947	6,836,736	(2,211)
CUW337 SUTRO RES - REHAB/SEISMIC UPGRADE	56,785,000	65,000,000	8,215,000
SUNOL VALLEY WATER SYSTEM IMPROVEMENT PROJECTS	1,053,987,867	1,056,068,081	9,080,414
CUW352 ALAMEDA CREEK FISHERY ENHANCEMENT	21,855,361	45,746,607	23,891,446
CUW355 STANDBY POWER FAC VARIOUS LOCATIONS	13,110,232	12,947,780	(162,452)
CUW359 IRVINGTON TUNNEL ALTERNATIVES	398,585,442	375,070,477	(20,714,965)
CUW370 PIPELINE REPAIR & READINESS IMPROVEMENTS	5,407,860	5,205,493	(202,367)
CUW374 CALAVERAS DAM REPLACEMENT	450,337,994	472,195,535	21,857,541
CUW381 SVWTP EXPANSION/TREATED WATER RESERVOIR	144,907,028	126,419,186	(14,287,842)
CUW382 SVWTP TREATED WATER RES PRE PLAN/DESIGN	5,070,808	5,057,035	(13,773)
CUW386 SAN ANTONIO PUMP STATION UPGRADE	14,712,922	13,425,768	(1,287,154)
Subtotal: WSIP Regions	\$1,744,872,994	\$1,897,534,146	\$159,661,152
NEW WSIP PROGRAM-WIDE RESERVE	N/A	\$161,431,097	\$144,459,649
TOTAL	\$1,744,872,994	\$2,058,965,243	\$304,120,801

