

**Sewer Improvement - Fund 612**

PROJ. NO	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33
<b>UTILITIES EQUIPMENT</b>														
07177	GIS Data Development and Conversion	225	0	75	50	50	50							
<b>WATER POLLUTION CONTROL FACILITY (WPCF)</b>														
07769	WPCF Selective Catalyst Reduction for Cogen Engine	500	0	0		500								
07771	WPCF Trickling Filter Pump Station Pump Rebuilds	260	0	0	260									
07530	WPCF Solar Power Design and Construction Phase II - 1.4 MW	6,300	2,315	0		3,985								
	<i>CEC Loan</i>	<i>2,151</i>	<i>2,151</i>											
	<i>Loan from Fund 604</i>	<i>3,500</i>	<i>3,500</i>											
07559	WPCF Solids Pumping Improvements	300	0	300										
07567	WPCF Headworks Bar Screens	4,130	3,407	723										
07679	Cogeneration System Maintenance	1,922	954	968										
	<i>Transfer-in from Fund 611</i>			<i>1,306</i>										
07697	WPCF Maintenance Building Improvements	150	0	0			150							
07698	WPCF High Pressure Gas Storage Vessel Inspection and Coating	100	0	100										
07714	WPCF Headworks Project - Influent Channel Isolation Gates and Actuators	150	115	35										
07682	WPCF Polymer Relocation and New Solids Line	60	0	0	60									
07701	WPCF Mechanical Sludge Dewatering Facility	4,300	0	0	0				4,300					
07569	WPCF Roofing for Heating and Mixing Building No. 1	100	0	100										
07656	WPCF Main 480V MCC Electrical Distribution Rehabilitation	1,085	0	900	185									
07790	PIDS Influent Channel Coatings (NEW)	540			40	500								
07791	FOG Tank Coating (NEW)	260					260							
07792	Digester No. 2 Interior Roof Coatings (NEW)	958						958						
07793	WPCF Hot Water Loop Improvements (NEW)	1,200					1,200							
<b>WPCF LABORATORY</b>														
07519	Utilities Laboratory Information Management & Data Entry	2,151	411	140	160	160	160	160	160	160	160	160	160	160
<b>WPCF IMPROVEMENT PHASE II</b>														
07786	WPCF New Administration Building & Lab Project	38,265	0	1,678	6,967	23,696	5,924							
	<i>Transfer-in from Fund 611</i>		<i>1,890</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>
07760	WPCF Phase II Improvement Project	203,631	0	4,290	6,719	21,510	55,426	55,739	59,946					
	<i>Transfer-in from Fund 611</i>					<i>13,000</i>	<i>13,000</i>	<i>13,000</i>	<i>15,212</i>					
07749	WPCF Primary Effluent Flow Equalization Project	15,784	0	454	1,243	7,387	6,700							
<b>OTHER</b>														
07523	Project Pre-design Services	301	145	7	15	15	15	15	15	15	15	15	15	15
<b>SEWER COLLECTION SYSTEM</b>														
07744	Linden Lift Station Upgrades	150	5	0	145									
07555	Upgrade Valle Vista Station Discharge	200	0	0	200									
07624	Harder Road Sewer System Improvement	1,288	0	0	1,288									
07716	27 Inch Force Main Bypass Pumping - I-880/Industrial	600	0	0	600									
07717	Sewer Main Installation - I-880/Willimet	1,252	255	997										
<b>STORMWATER</b>														
07746	Arf, Tennyson Trash Capture Device Installations	3,000	71	2,929										
	<i>Transfer from Fund 615 (Stormwater)</i>	<i>1,841</i>	<i>1,841</i>											
	<i>Transfer to Fund 615 (Stormwater)</i>	<i>1,841</i>	<i>1,841</i>											
	<i>CalTrans Reimbursement</i>	<i>3,000</i>	<i>1,841</i>		<i>1,159</i>									
<b>RECYCLED WATER</b>														
07766	UV Disinfection System for Recycled Water	886	0	0	886									
07507	Recycled Water Storage and Distribution System	26,161	26,160	0										
	<i>SRF Loan</i>	<i>15,620</i>	<i>15,620</i>											
	<i>SWRCB Grant</i>	<i>5,831</i>	<i>5,831</i>											
07709	Recycled Water Master Plan	500	0	0	500									
07710	Recycled Water Treatment Facility - Phase I	2,455	2,433	22										
07751	Recycled Water Treatment Facility & Distribution Pipeline Expansion - Phase II	1,000	0	0		500	500							

**Sewer Improvement - Fund 612**

PROJ. NO	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33
	<b>UNSCHEDULED</b>													
07753	WPCF Co-Generation Engine #2 (TBD-Unscheduled)													
07755	WPCF Expansion of Cogen System Gas Conditioning Skid System (TBD-Unscheduled)													
07758	WPCF New Digester Gas Storage (TBD-Unscheduled)													
	TOTAL PROJECT COSTS			13,719	19,318	58,304	70,385	56,872	64,421	175	175	175	175	175
	Debt Service State Revolving Fund-WPCF Improvements (Phase I) -50% of total Debt Service for 20 years to FY29	30,600	13,860	1,530	1,530	1,530	1,530	1,530	1,530	1,530				
	Debt Service CEC Loan for Solar Proj (\$2.45 million @ 3% for 14 years to 2025) (Proj 07505)	872		218	218	218	218							
	SRF loan repayment placeholder for WPCF Phase II Facilities Update (\$56M @ 1% for 20 years to 2047)							3,090	3,090	3,090	3,090	3,090	3,090	3,090
	Transfer to Water Improvement Fund 604 for Repayment of Loan for Additional Solar Project (\$3.5 million at 3% for ten years to 2028) (Project 07530)	4,100	410	410	410	410	410	410	410	410				
	Transfer to Stormwater Fund 615 for CalTrans reimbursement (Project 07746)		1,841											
	Debt Service SRF Loan Repayment for WPCF Phase II Improvement Projects (1%, 30 years) \$101,093	19,586								3,917	3,917	3,917	3,917	3,917
	Debt Service WIFIA Loan Repayment for WPCF Phase II Improvement Projects (3.42%, 30 years) \$97,129	5,228												5,228
	<b>TOTAL EXPENDITURES</b>			<b>15,877</b>	<b>21,476</b>	<b>60,462</b>	<b>72,543</b>	<b>61,902</b>	<b>69,451</b>	<b>9,122</b>	<b>7,182</b>	<b>7,182</b>	<b>7,182</b>	<b>12,410</b>
	<b>REVENUES:</b>													
	Connection Fee		4,898	3,500	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	Interest			399	4,051	3,268	2,228	1,380	408	319	267	214	160	1
	Proceeds of SRF Loan for Recy Water Proj (07507)	15,620	15,620											
	Proceeds of USBR Grant for Recy Water Proj (07507)	5,831	5,831											
	Proceeds of CEC Loan for Phase IIA Solar (Project 07530)	2,151	2,151											
	Caltrans Reimbursement (Project 07746)	3,000	1,841	0	1,159									
	SRF Loan for WPCF Phase II Improvement Projects (51% of project cost)	101,093			101,093									
	WIFIA Loan for WPCF Phase II Facilities Update (49% of project cost, repayment 5 years after FY28 completion in FY33) (to split between 611 & 612)	97,129			97,129									
	<b>REVENUE SUBTOTAL</b>			<b>3,899</b>	<b>207,432</b>	<b>7,268</b>	<b>6,228</b>	<b>5,380</b>	<b>4,408</b>	<b>4,319</b>	<b>4,267</b>	<b>4,214</b>	<b>4,160</b>	<b>4,001</b>
	<b>TRANSFERS FROM:</b>													
	Fund 730 for CAD/RMS Repl Loan (\$2.25 million)		2,046											
	WPCF Repl Fund 611 for 50% of City Cost of Co-Gen (\$11.47 mill less \$2.7 mill PG&E grant (Proj 07508)		4,650											
	Water Sys Imp Fund 604 for Solar Proj Phase II (Proj 07530)		3,500											
	Fund 611 for New Admin Building Project 07786 (\$4M @ 3% for 20 years through 2035)		1,890	270	270	270	270	270	270	270	270	270	270	270
	Fund 611 for Cogen System Maintenance (Project 07679)	1,306		1,306										
	Transfer from Fund 615 (Stormwater) Project 07746		1,841											
	Transfer from Fund 611 for WPCF Phase II Improvement Projects	54,212				13,000	13,000	13,000	15,212					
	<b>TRANSFERS SUBTOTAL</b>			<b>1,576</b>	<b>270</b>	<b>13,270</b>	<b>13,270</b>	<b>13,270</b>	<b>15,482</b>	<b>270</b>	<b>270</b>	<b>270</b>	<b>270</b>	<b>270</b>
	<b>TOTAL REVENUES</b>			<b>5,475</b>	<b>207,702</b>	<b>20,538</b>	<b>19,498</b>	<b>18,650</b>	<b>19,890</b>	<b>4,589</b>	<b>4,537</b>	<b>4,484</b>	<b>4,430</b>	<b>4,271</b>
	<b>BEGINNING FUND BALANCE</b>			<b>30,764</b>	<b>20,362</b>	<b>206,588</b>	<b>166,664</b>	<b>113,620</b>	<b>70,368</b>	<b>20,806</b>	<b>16,273</b>	<b>13,628</b>	<b>10,930</b>	<b>8,178</b>
	<b>ENDING FUND BALANCE</b>			<b>20,362</b>	<b>206,588</b>	<b>166,664</b>	<b>113,620</b>	<b>70,368</b>	<b>20,806</b>	<b>16,273</b>	<b>13,628</b>	<b>10,930</b>	<b>8,178</b>	<b>38</b>