

Wastewater CIP Projects FY15/16 to FY19/20		Current Dollars
Wastewater Treatment Plant		
Stop Gap-Immediate repair needs. Repairs will last 10 to 15 years until replacement facilities are built.		
Preliminary Treatment	Headworks Odor Control with Screen Walls, Concrete Repair, and RPF Cover Replacement, Headworks Below Cover Coating Repairs	\$ 5,941,560
Primary Sedimentation	Replace Primary Clarifier Equipment	\$ 5,245,827
Secondary Treatment	Demolish Biotowers, Add Baffle Walls in ASTs	\$ 2,184,602
Final Effluent Pumping	Replace/Modify Interstage and Effluent Pump Station Pumps, Water Quality Early Warning System	\$ 3,617,811
Sludge Handling	Clean Digesters #1 and #3, add Dystor Cover to #2, Rebuild/Rehab the Gravity Thickeners, Replace the Belt Filter Presses,	\$ 9,072,358
Cogen	Rebuild Cogen Units	\$ 2,184,602
General	Replace Standby Generators, Replace Plant MCCs, Site Electrical, Utilities, Paving, SCADA System Replacement	\$ 7,889,610
SUBTOTAL STOP GAP		\$ 36,136,367
Immediate repair and rehabilitation needs- Rehabilitated facilities will last up to 30 years.		
Secondary Treatment	AST blower and diffuser replacement, Secondary small equipment replacement, SST replace skimmers, collectors, drives and RAS pumps	\$ 8,666,666
General	CMMS, Additional civil/site work/inter-process piping needed with new plant CEQA/Permitting, Land Acquisition	\$ 11,907,827
SUBTOTAL REPAIR & REHABILITATION		\$ 20,574,493
Replacement Facilities		
Primary and Secondary	Conceptual layout of replacement facilities	\$ 1,000,000
SUBTOTAL REPLACEMENT		\$ 1,000,000
TOTAL WASTEWATER TREATMENT PLANT		\$ 57,710,860
Wastewater Collection Facilities		
Sewer Line	Rice Ave Sewer replacement, Asbestos Cement Pipe (ACP) replacement, Central trunk condition assessment, capacity related replacements, annual sewer line R&R, headworks vortex structures and meter vault recoating	\$ 6,733,000
Manholes	Central Trunk, Harbor Blvd, Redwood Tributary	\$ 2,350,000
Lift Station	Casden Village, Lift station 23, Lift Station 6, Lift Station 4	\$ 3,000,000
Chemical Addition	Magnesium hydroxide addition	\$ 4,400,000
TOTAL WASTEWATER COLLECTION		\$ 16,483,000
GRAND TOTAL WASTEWATER		\$ 74,193,860