

		(CIP) CAPITAL IMPROVEMENT PROGRAM REPORT		Current FY 2017-18 CIP Tracking (Note A) Financial Data as of September 30, 2017							Multiyear Project Planning Financial Data as of September 30, 2017						Comments	
GL Account Number	PM	Project Title	FY18 Adopted Budget	Budget Transfers	FY18 Adjusted Budget	YTD Expenditures	Encumbered (Note B)	Total Expended + Encumbered	Remaining Budget FY18	Percent Spent (YTD + PO)	Planned for Fiscal Year(s)	Prior Years' Expenditures	CIP 10-Year Forecast Totals FY 18 - FY 27	Prior and Future Multi-Year Project Totals	FY 18 Expended	Encumbered (Note B)	Remaining Planned Budget	
<b>Facility Improvements</b>																		
7300-103-10	TSM	Effluent Storage Pond Rehabilitation	-	-	-	-	-	-	-	-	FY 22-23	-	1,221,800	1,221,800	-	-	1,221,800	No funding for this project in FY 18
7300-700-10	TSM	Agency Facilities Master Plan (3)	260,000	-	260,000	49,941	256,181	306,122	(46,122)	117.74%	FY 17-18	188,316	260,000	448,316	49,941	256,181	(46,122)	The condition assessment, biosolids dewatering, blending reduction alternatives, and secondary treatment tasks are complete. Carollo is working on the biogas utilization, organic waste receiving facility, biosolids management alternatives, solar power generation, and sea level rise tasks. The final report is schedule for completion in March 2018. An encumbrance adjust is necessary to address the negative account balance.
7300-956-00	TSM	Industrial Coatings & Concrete Rehabilitation	65,000	-	65,000	-	-	-	65,000	0.00%								No new activity this quarter.
7300-987-00	TSM	Outfall Inspection & Repairs	32,200	-	32,200	-	-	-	32,200	0.00%								The outfall inspection is complete and a draft report has been submitted.
7400-103-10	TSM	Maintenance Facility Modifications (1)(3)	800,000	-	800,000	345,141	339,992	685,133	114,867	85.64%	FY 12-18	755,644	800,000	1,555,644	345,141	339,992	114,867	Finish carpentry is the remaining work in the maintenance building. The storage building is mostly complete with punch list items remaining. The contractor is currently working on grading improvements around the Administration Building.
7400-600-00	TSM	Hillside Slope Stabilization	400,000	-	400,000	-	20,500	20,500	379,500	5.13%								Staff continued the process to receive reimbursement funds from FEMA. The geotechnical engineer is scheduling soil boring and survey work for early October.
7400-956-00	TSM	Facility Paving/Site Work	148,400	-	148,400	-	-	-	148,400	0.00%								Staff prepared draft bid documents for paving around the solids handling building. Scope to expand to include paving around the Maintenance Building. This project is scheduled for bidding in winter 2017.
7400-960-00	TSM	Facility Roofs Rehabilitation (1)	35,000	-	35,000	-	41,238	41,238	(6,238)	117.82%	FY 14-21	17,293	1,031,900	1,049,193	-	41,238	990,662	Gutter repairs will be completed in mid-November.
		<b>Subtotal</b>	<b>1,740,600</b>	<b>-</b>	<b>1,740,600</b>	<b>395,082</b>	<b>657,911</b>	<b>1,052,993</b>	<b>687,607</b>	<b>60.50%</b>								
<b>General Equipment</b>																		
7300-672-00	ISA	Process Control	37,900	-	37,900	1,320	-	1,320	36,580	3.48%								Purchased ethernet gateways for the biotower VFDs and aeration equipment
7300-672-10	TSM	Security/Fire Systems	13,900	-	13,900	-	-	-	13,900	0.00%								No activity to date. Equipment will be purchased as needed.
7300-683-00	TSM	Above Ground Fuel Storage Tanks	35,000	-	35,000	-	-	-	35,000	0.00%								Staff has requested quotes from vendors to replace the fuel station leak monitoring system controller.
7410-851-00	ISA	IT Hardware and Communication Equip	56,900	-	56,900	13,033	-	13,033	43,867	22.90%								Purchased 32 Cores of Windows Server 2016 Datacenter Licenses.
7420-701-00	MS	Agency Vehicle Replacement	51,000	-	51,000	-	-	-	51,000	0.00%								Quotes have been received for the replacement Laboratory vehicle and a purchase order is being generated.
7430-958-00	LD	Laboratory Equipment	166,600	-	166,600	28,952	130,731	159,683	6,917	95.85%								Purchase orders were issued for the Laboratory Information Management System (LIMS) and Data Management System (DMS).
7450-002-00	MS	Electrical Equipment	120,100	-	120,100	11,484	25,887	37,371	82,729	31.12%								Ordered Rotork HMV's, Rotork Valve and operator, and Duplex pump panels.
7450-002-10	MS	Plant Lighting	26,000	-	26,000	631	19,470	20,101	5,899	77.31%								Ordered LED pendant lights for the chemical storage room and grit removal equipment room.
7450-102-00	MS	Process Instrumentation	51,900	-	51,900	12,761	8,641	21,402	30,498	41.24%								Received Modbus card for aeration system. Ordered a laser level for digester, LEL and H2S meters for raw digester gas, and submersible level transmitters.
7450-105-00	MS	Electrical Distribution System Rehabilitation	25,000	-	25,000	-	-	-	25,000	0.00%								No activity this month.
		<b>Subtotal</b>	<b>584,300</b>	<b>-</b>	<b>584,300</b>	<b>68,180</b>	<b>184,729</b>	<b>252,909</b>	<b>331,391</b>	<b>43.28%</b>								
<b>Liquids Treatment Equipment and Systems</b>																		
7300-685-00	TSM	Bio-Tower Rotary Distributor Replacement (1)	-	-	-	-	-	-	-	-	FY 19	-	131,900	131,900	-	-	131,900	No funding for this project in FY 18
7300-700-00	MS	Plant Pumps	74,800	-	74,800	33	24,706	24,739	50,061	33.07%								Procured process waste sump pumps and site sump vactor receiving replacement pump.
7300-719-00	MS	Chemical Pumps	113,000	-	113,000	176	23,047	23,223	89,777	20.55%								Procured replacement ferric chloride metering pump
7300-720-00	MS	Gates Rehabilitation	35,000	-	35,000	-	-	-	35,000	0.00%								Awaiting for factory drawings for the pond gate in the triangle pit at the inlet of the chlorine contact tanks.
7300-727-00	MS	Headwork's Equipment	50,000	-	50,000	1,623	37	1,660	48,340	3.32%								Headworks odor scrubber fan specifications being written for contract installation.
7300-981-00	TSM	Odor Control System Improvements (1)(3)	28,500	-	28,500	2,825	-	2,825	25,675	9.91%	FY 15-27	419,569	4,053,600	4,473,169	2,825	-	4,050,775	Construction was accepted as complete and record drawings have been prepared.
7300-983-00	MS	Process Tank Maintenance	85,000	-	85,000	3,881	-	3,881	81,119	4.57%								Awaiting quotes for safe entry gates for process tank entries.
7300-990-00	TSM	Secondary Clarifiers Rehabilitation	-	-	-	40	33,112	33,152	(33,152)	-								A contractor was hired to address severely corroded pipes. Funds will be transferred from other accounts to address the negative balance.
7300-995-00	TPM	Aeration System Rehabilitation	20,100	-	20,100	17,561	405	17,966	2,134	89.38%								Replacement membranes have been procured and installed.
7400-965-00	MS	Primary Clarifiers Rehabilitation	33,400	-	33,400	27	-	27	33,373	0.08%								Weirs on effluent launders were replaced in Primary clarifier #1.
7400-966-00	TSM	Critical Buried Pipe Inspection/Repairs (1)	-	-	-	-	-	-	-	-								No funding for this project in FY 18.
7430-855-00	MS	Chemical Tanks	40,000	-	40,000	355	-	355	39,645	0.89%								Quotes are being prepared by vendors to replace the Greenbrea nitrate tank.
7430-857-00	MS	Piping, Valves & Operators	130,900	-	130,900	4,177	4,453	8,630	122,270	6.59%								Awaiting replacement expansion joints quotes for plant piping.
7450-104-10	MS	Influent Flow Meter Improvement	25,000	-	25,000	-	-	-	25,000	0.00%								This project will not be initiated until after the Facilities Master Plan is complete.
		<b>Subtotal</b>	<b>635,700</b>	<b>-</b>	<b>635,700</b>	<b>30,698</b>	<b>85,760</b>	<b>116,458</b>	<b>519,242</b>	<b>18.32%</b>								
<b>Solids Treatment and Energy Generation Equipment and Systems</b>																		
7300-660-00	TSM	PG&E Interconnection Agreement Modification	525,000	-	525,000	3,360	56,400	59,760	465,240	11.38%								PG&E and Carollo are designing on-site and off-site improvements to meet the requirements specified in the new Interconnection Agreement. Green Project Reserve grant funding was fully executed and staff will prepare a reimbursement request for the eligible work completed to date. Staff reviewed the MCE Purchase Power Agreement and will present the draft agreement to the Board.
7300-661-00	TSM	FOG/F2E Vault Relining	-	-	-	-	-	-	-	-								No funding for this project in FY 18
7300-678-00	TSM	Emergency Generator Assessment & Improvement (1)	-	-	-	-	-	-	-	-	FY 14-22	15,066	2,009,100	2,024,166	-	-	2,009,100	No funding for this project in FY 18
7300-714-00	MS	Spiral Heat Exchanger Rplcmnt EM	-	-	-	-	-	-	-	-								No funding for this project in FY 18
7300-715-00	MS	Centrifuge Maintenance	-	-	-	-	-	-	-	-	FY 19-22	-	2,100,000	2,100,000	-	-	2,100,000	No funding for this project in FY 18
7300-722-00	MS	Cogeneration Maintenance	86,300	-	86,300	1,121	-	1,121	85,179	1.30%								Materials procured for engine maintenance later in the year.
7300-724-00	MS	Hot Water Systems	34,000	-	34,000	-	-	-	34,000	0.00%								Hot water loop pump replacement project is underway with materials and pumps being procured.
7300-977-00	MS	Sludge Recirculating Pump Grinders	18,000	-	18,000	-	-	-	18,000	0.00%								No action this quarter.
7300-978-00	MS	Bio Solids Hoppers Maintenance	8,500	-	8,500	-	-	-	8,500	0.00%								No action this quarter.
		<b>Subtotals</b>	<b>671,800</b>	<b>-</b>	<b>671,800</b>	<b>4,481</b>	<b>56,400</b>	<b>60,881</b>	<b>610,919</b>	<b>9.06%</b>		<b>1,395,888</b>	<b>11,608,300</b>	<b>13,004,188</b>	<b>397,907</b>	<b>637,411</b>	<b>10,572,982</b>	
<b>Grand Totals</b>			<b>3,632,400</b>	<b>-</b>	<b>3,632,400</b>	<b>498,442</b>	<b>984,800</b>	<b>1,483,242</b>	<b>2,149,158</b>	<b>40.83%</b>								
CMSA Staff Costs for CIP			185,200	-	185,200	11,476	-	11,476	173,724	6.20%								
<b>Annual Total</b>			<b>3,817,600</b>	<b>-</b>	<b>3,817,600</b>	<b>509,918</b>	<b>984,800</b>	<b>1,494,718</b>	<b>2,322,882</b>	<b>39.15%</b>								

**Notes:**

- (1) BOLD items are individual Capital Improvement Projects, or larger, nonrecurring maintenance projects.
- (2) CMSA Staffing costs (compensation and benefits) for identified CIP Projects
- (3) CIP Projects in FY 17 that will have staff time charged to the CIP

**Notes:**

- A Same financial data as Monthly Financial Report - Capital Improvement Program
- B Refer to Monthly Financial Report for PO/Contract Encumbrance Details