

Photo: Existing Headworks Motor Control Center to Be Replaced in Project

<b>Project Number:</b>		<b>18-01</b>
<b>Project Name:</b>		<b>WWTP - Elec/Mech Rehab &amp; Sludge Holding Tank Replacement Project</b>
<b>Project Location:</b>		Wastewater Treatment Plant
<b>Project Manager:</b>		Treanor
<b>Status:</b>		Coastal Commission Notification and Inviting Bids
<b>Project Description:</b>		The WWTP Rehabilitation Phase II Project is a multi-area project at the WWTP aimed at mitigating risk of failure in the Influent Pump Station, Headworks, 3W/Chlorine Analyzer Building, Effluent Building and Sludge Storage Tank. Most of the work involves replacing aged electrical and mechanical equipment in existing buildings.
<b>Department:</b>		Treatment
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$10,616,000	\$881,288
<b>Financial:</b>	FY Budget:	FY Spent:
	\$2,905,000	\$11,416
<b>Reclamation Share:</b>	Estimated at 4% of project cost. Actual share TBD based on Construction Costs.	
<b>Other Entities:</b>	Pebble Beach Community Services District, CAWD/PBCSD Reclamation Project	
<b>Permits Required:</b>	Coastal Commission Notification	
<b>Challenges:</b>	Electrical Cutover Coordination	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Construction anticipated for 2020 through 2021</li> </ul>	
<b>Consultants:</b>	Design: Kennedy/Jenks Consultants Construction Management: TBD	
<b>Contractor:</b>	TBD	

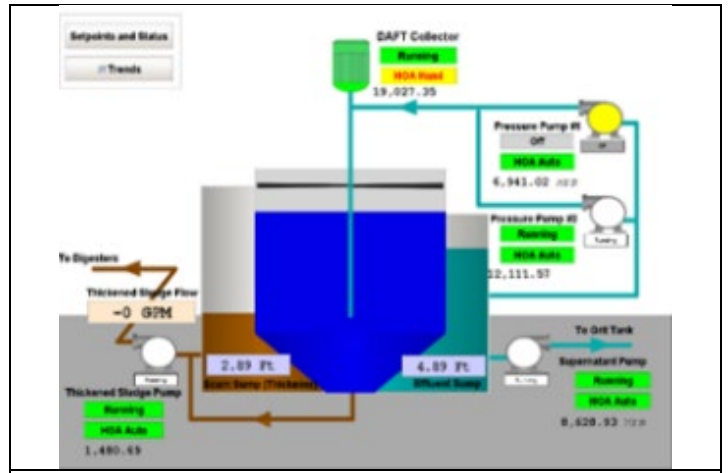


Photo: DAFT SCADA Overview

<b>Project Number:</b>		<b>18-05</b>
<b>Project Name:</b>		<b>Programmable Logic Controller (PLC) and Supervisory Control and Data Acquisition (SCADA) Programming Project</b>
<b>Project Location:</b>		Wastewater Treatment Plant
<b>Project Manager:</b>		Foley
<b>Status:</b>		SCADA Screens 70% complete
<b>Project Description:</b>		During the Phase 1 project a new SCADA software package from Inductive Automation was installed to parallel the existing system. This project includes the migration of the remaining SCADA screens from the legacy system to the new system. The PLC code is also being updated to the CAWD standards that are being developed during this project. This project is necessary to replace obsolete software and hardware so that the automated controls, alarms, and reporting remain accurate and reliable.
<b>Department:</b>		Treatment
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$364,715	\$169,856
<b>Financial:</b>	FY Budget:	FY Spent:
	\$240,000	\$66,285
<b>Reclamation Share:</b>	Partial Reclamation	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Existing SCADA to be migrated in FY20/21.</li> </ul>	
<b>Consultants:</b>	Frisch Engineering	



Photo: New Standby Generator

<b>Project Number:</b>	<b>18-08</b>								
<b>Project Name:</b>	<b>Standby Power Reliability Project</b>								
<b>Project Location:</b>	Wastewater Treatment Plant								
<b>Project Manager:</b>	Treanor/Foley								
<b>Status:</b>	Generator Work Complete - Staff Adding Uninterruptible Power Supply in Server Room								
<b>Project Description:</b>	This project involves purchasing a trailer mounted 500kW generator to serve as a full back up to the existing standby system in case the existing 750kW generator were to fail. The Main Switchgear would be reprogrammed to run off one generator with a standby (instead of the current split bus system). This would allow removal of the existing 450kW generator (which has obsolete controls and only powers half the main Switchgear).								
<b>Department:</b>	Treatment								
<b>Financial:</b>	<table border="1"> <tr> <td>Cumulative Budget:</td> <td>Cumulative Spent:</td> </tr> <tr> <td>\$469,202</td> <td>\$374,154</td> </tr> <tr> <td>FY Budget:</td> <td>FY Spent:</td> </tr> <tr> <td>\$450,000</td> <td>\$354,952</td> </tr> </table>	Cumulative Budget:	Cumulative Spent:	\$469,202	\$374,154	FY Budget:	FY Spent:	\$450,000	\$354,952
Cumulative Budget:	Cumulative Spent:								
\$469,202	\$374,154								
FY Budget:	FY Spent:								
\$450,000	\$354,952								
<b>Reclamation Share:</b>	N/A								
<b>Other Entities:</b>	N/A								
<b>Permits Required:</b>	Air Board Permit								
<b>Challenges:</b>	N/A								
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Design to be completed in 2019</li> <li>Construction anticipated for 2020</li> </ul>								
<b>Consultants:</b>	Beecher Engineering								
<b>Contractor:</b>	Quinn Power Systems Bryan Mailey Electric								



Photo: Existing Gas Conditioning System

<b>Project Number:</b>	<b>18-11</b>								
<b>Project Name:</b>	<b>Microturbine Integration Project</b>								
<b>Project Location:</b>	Wastewater Treatment Plant								
<b>Project Manager:</b>	Treanor/Foley								
<b>Status:</b>	Test 30kW								
<b>Project Description:</b>	Overhaul of existing gas conditioning system and controls for the microturbines. The existing gas conditioning system has been having repeated mechanical failures which reduces the amount of time the Microturbines are in service. Significant overhaul of controls are needed to integrate the new 65kW turbine. CAWD is looking into a new gas conditioning system in case the existing system is not sufficient to treat the gas after the larger 65kW turbine is placed in service.								
<b>Department:</b>	Treatment								
<b>Financial:</b>	<table border="1"> <tr> <td>Cumulative Budget:</td> <td>Cumulative Spent:</td> </tr> <tr> <td>\$676,000</td> <td>\$55,114</td> </tr> <tr> <td>FY Budget:</td> <td>FY Spent:</td> </tr> <tr> <td>\$100,000</td> <td>\$34,333</td> </tr> </table>	Cumulative Budget:	Cumulative Spent:	\$676,000	\$55,114	FY Budget:	FY Spent:	\$100,000	\$34,333
Cumulative Budget:	Cumulative Spent:								
\$676,000	\$55,114								
FY Budget:	FY Spent:								
\$100,000	\$34,333								
<b>Reclamation Share:</b>	N/A								
<b>Other Entities:</b>	N/A								
<b>Permits Required:</b>	Air Board Permit								
<b>Challenges:</b>	Complexity of System								
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Pre-Design to be completed in 2019/2020</li> <li>Final Design to be completed in 2020/2021-Construction anticipated for 2021</li> </ul>								
<b>Consultants:</b>	Frisch Engineering (programming)								
<b>Contractor:</b>	TBD								

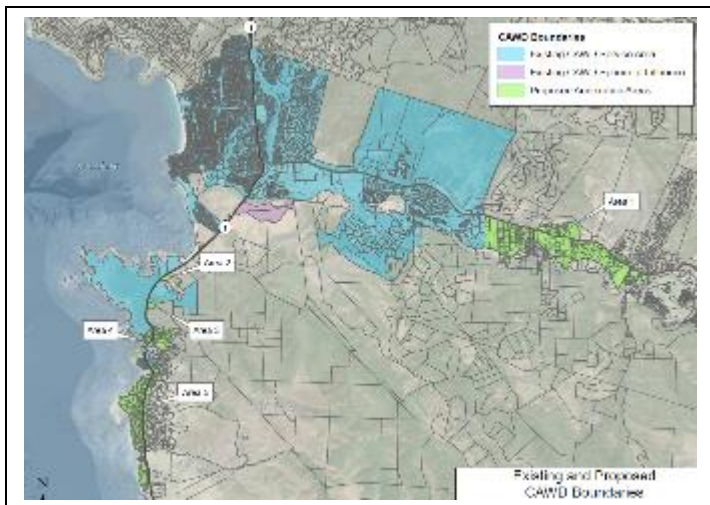


Photo: Areas of Potential Annexation

<b>Project Number:</b>	<b>18-21, 19-04, 19-05, 19-09</b>	
<b>Project Name:</b>	<b>2020 CAWD Sphere of Influence (SOI) Amendment &amp; Annexation Proposal</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Lathér	
<b>Status:</b>	LAFCO Protest Hearing Scheduled April 26th	
<b>Project Description:</b>	The project will provide access for homes and businesses currently on septic systems and add approximately 350 connections to the District at build-out. Interested areas include Corona Road, Riley Ranch, Carmel Valley Manor and Yankee Point & Otter Cove.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$105,000 (55K+50K)	\$51,767
<b>Financial:</b>	FY Budget:	FY Spent:
	\$0	\$26,527
** No Budget included for Annexations b/c costs will be recouped through annexation fees.		
<b>Permits Required:</b>	Environmental Review, LAFCO Annexation Approval	
<b>Challenges:</b>	#18-21 Getting homeowner groups to form a Corona Road Assessment District to pay for infrastructure that is needed to connect to our sewer system.	
<b>Schedule:</b>	Applied for LAFCO Annexation in August 2020. #19-09 LAFCO annexation hearing on 3-22-21.	
<b>Consultant:</b>	Denise Duffy & Associates	



Photo: Existing totes used for Sulfuric Acid storage and Feed

<b>Project Number:</b>	<b>18-26</b>	
<b>Project Name:</b>	<b>RO Pretreatment Acid Tanks and Containment</b>	
<b>Project Location:</b>	Reclamation – MF/RO	
<b>Project Manager:</b>	Treanor	
<b>Status:</b>	On Hold	
<b>Project Description:</b>	Code compliance upgrades for existing acid chemical storage and feed system used by Reclamation for enhancing RO recovery. Project includes code compliant secondary containment and separation of dissimilar chemicals.	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$358,506	\$68,506
<b>Financial:</b>	FY Budget:	FY Spent:
	\$290,000	\$0
<b>Reclamation Share:</b>	100%	
<b>Other Entities:</b>	Reclamation Project	
<b>Permits Required:</b>	Coastal Commission Notification	
<b>Challenges:</b>	N/A	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>• Bid second half of 2020</li> <li>• Construction 2021</li> </ul>	
<b>Consultants:</b>	Trussell Technologies, Inc	
<b>Contractor:</b>	TBD	



Photo: Eucalyptus trees on South Side of Treatment Plant

<b>Project Number:</b>		<b>18-28</b>
<b>Project Name:</b>		<b>Perimeter Tree Plan and Implementation</b>
<b>Project Location:</b>		Wastewater Treatment Plant
<b>Project Manager:</b>		Treanor
<b>Status:</b>		Determining Tree Types / Final Landscape Plan for Interior
<b>Project Description:</b>		Planning and landscaping around the treatment plant. This will include looking into possibly replacing the non-native eucalyptus trees around the perimeter of the treatment plant with native tree species. The project will start with a study and a plan to determine costs, sequencing schedule, and visual impacts. The eucalyptus trees around the plant have ongoing maintenance costs which may be offset in the long term with different type of tree screening. Purpose is to improve security around plant perimeter.
<b>Department:</b>		Treatment
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$213,000	\$2,897
<b>Financial:</b>	FY Budget:	FY Spent:
	\$0	\$0
<b>Reclamation:</b>		N/A
<b>Other Entities:</b>		N/A
<b>Permits Required:</b>		Currently unknown (In Study Phase)
<b>Challenges:</b>		Time it will take for new trees to grow up that will fully screen treatment plant from view
<b>Schedule:</b>		<ul style="list-style-type: none"> <li>Study to occur in 2021</li> </ul>
<b>Consultants:</b>		Scott Hall Landscape Design
<b>Contractor:</b>		TBD



Photo: Old Flood Door in Headworks Basement

<b>Project Number:</b>		<b>19-01</b>
<b>Project Name:</b>		<b>Critical Process Onsite Flood Adaptations</b>
<b>Project Location:</b>		Wastewater Treatment Plant
<b>Project Manager:</b>		Waggoner
<b>Status:</b>		Minor Work Proceeding
<b>Project Description:</b>		There are a few areas of the WWTP that may be vulnerable to inundation during a 100-year river flooding event. Although the actual impact to the process in the event of inundation of these areas may be minor, it would be prudent to mitigate any possible impacts of flooding on the treatment process. The areas that could be further adapted to avoid flooding inundation are: Headworks Basement Flood Door, Influent Access Hatch, Secondary Effluent Diversion Structure Hatches, Chlorine Contact Channel Hatches, Waste Gas Burner Operations.
<b>Department:</b>		Treatment
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$86,000	\$21,788
<b>Financial:</b>	FY Budget:	FY Spent:
	\$65,000	\$0
<b>Reclamation Share:</b>		15% Reclamation
<b>Other Entities:</b>		Reclamation Project
<b>Permits Required:</b>		Coastal Commission Notification
<b>Challenges:</b>		N/A
<b>Schedule:</b>		<ul style="list-style-type: none"> <li>Planning performed in 2019</li> <li>Modifications in 2021</li> </ul>
<b>Consultants:</b>		N/A
<b>Contractor:</b>		TBD

PRE-TREATMENT ORDINANCE  
2020-XX



CARMEL AREA WASTEWATER DISTRICT

<b>Project Number:</b> 19-02		
<b>Project Name:</b> Update Pretreatment Ordinance		
<b>Project Location:</b> Pretreatment/Collections		
<b>Project Manager:</b> Lathér/De Ocampo/Waggoner		
<b>Status:</b> Scheduling Committee Review		
<b>Project Description:</b> Prepare a Pre-Treatment Ordinance that is in compliance with the current standard of practice and the State Water Resources requirements.		
<b>Department:</b> Treatment		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$0	\$0
<b>Financial:</b>	FY Budget:	FY Spent:
	\$0	\$0
<b>Reclamation Share:</b>	N/A	
<b>Other Entities:</b>	N/A	
<b>Permits Required:</b>	N/A	
<b>Challenges:</b>	None	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Committee review of Ordinance pending</li> </ul>	
<b>Consultants:</b>	None	
<b>Contractor:</b>	None	



Photo: View gravity pipe in Carmel easement

<b>Project Number:</b> 19-03		
<b>Project Name:</b> Carmel Meadows Gravity Sewer Improvements		
<b>Project Location:</b> Collection System		
<b>Project Manager:</b> Lathér		
<b>Status:</b> In Design / CEQA		
<b>Project Description:</b> The project will replace 1300 feet of Ductile Iron Pipe (DIP) on an aerial span and eight manholes by constructing a small pump station at the end of Mariposa Drive. This project is located on an easement parallel to Ribera Road and was originally installed in the early 1960's.		
<b>Department:</b> Collections		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$1,259,102	\$321,347
<b>Financial:</b>	FY Budget:	FY Spent:
	\$185,445	\$94,809
<b>Permits Required:</b>	Coastal Permit and Environmental Review	
<b>Challenges:</b>	Redirecting the sewer to the pump station without requiring booster pumps for individual houses.	
<b>Schedule:</b>	Design FY20/21. Construct FY21/22.	
<b>Consultants:</b>	SRT Consultants	
<b>Contractor:</b>	TBD	



*Photo: Entrance to Carmel Valley Manor*

<b>Project Number:</b>			<b>19-08</b>
<b>Project Name:</b>			<b>Carmel Valley Manor Pipeline and Pump Station</b>
<b>Project Location:</b>			Collection System
<b>Project Manager:</b>			Lathér
<b>Status:</b>			Design by Owner – Construction Planned upon Completion of Annexation
<b>Project Description:</b>			Sewer extension project to be completed by the owners of Carmel Valley Manor to connect to CAWD's sewer system.
<b>Department:</b>			Collections
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent: \$180	
	\$0		
<b>Financial:</b>	FY Budget:	FY Spent: \$180	
	\$0		
<b>Reclamation Share:</b>		0%	
<b>Other Entities:</b>			
<b>Permits Required:</b>		County Encroachment Permit, Environmental Review in process	
<b>Challenges:</b>		Funding, Repayment Agreement, LAFCO annexation	
<b>Schedule:</b>		3-22-21 LAFCO Annexation hearing	
<b>Consultants:</b>		MNS and Rincon are working for Carmel Valley Manor to permit and design the project.	
<b>Contractor:</b>		N/A	



*Photo: View of proposed sewer line realignment*

<b>Project Number:</b>			<b>19-13</b>
<b>Project Name:</b>			<b>Upper Rancho Cañada Pipe Realignment</b>
<b>Project Location:</b>			Collection System
<b>Project Manager:</b>			Lathér
<b>Status:</b>			Negotiating Easement
<b>Project Description:</b>			This project relocates an existing sewer trunk line that serves the eastern most assets of the District and is located within the proposed County Park at Rancho Cañada. The trunk line varies in size from a 12-inch to 8-inch diameter and is made of Truss pipe material that was installed in the early 1970's. The pipe is damaged in many locations, has capacity issues, and was identified as a priority in the Asset Management Plan.
<b>Department:</b>			Collection
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent: \$146,052	
	\$1,822,991		
<b>Financial:</b>	FY Budget:	FY Spent: \$83,061	
	\$1,760,000		
<b>Other Entities:</b>			Monterey Regional Park District
<b>Permits Required:</b>			Environmental Review
<b>Challenges:</b>			Providing a design that allows CAWD access to assets and is acceptable to the Park District.
<b>Schedule:</b>			Design FY 19/20. Construct FY 20/21.
<b>Consultants:</b>			MNS Engineering Rincon Environmental



Photo: Existing air diffuser system

<b>Project Number:</b>	<b>19-19</b>	
<b>Project Name:</b>	<b>WWTP – Aeration Basin Improvements</b>	
<b>Project Location:</b>	Wastewater Treatment Plant	
<b>Project Manager:</b>	Waggoner	
<b>Status:</b>	Materials Onsite Pending Installation in Spring 2021	
<b>Project Description:</b>	The Aeration Basins 4A & 4B need to have additional diffusers installed to ensure the proper air (oxygen) transfer into the wastewater to support the aerobic microorganisms in the basins. Another needed improvement is to prevent short circuiting of flows in the basins. The installation of one curtain baffle in each tank will eliminate the short-circuiting issue.	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$40,000	\$9,030
<b>Financial:</b>	FY Budget:	FY Spent:
	\$40,000	\$9,030
<b>Reclamation Share:</b>	Estimated at 0% of project cost.	
<b>Other Entities:</b>	CAWD/PBCSD Reclamation Project	
<b>Permits Required:</b>	No permits as project is preventative maintenance project	
<b>Challenges:</b>	Weather conditions and Scheduling	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Design is complete</li> <li>Materials ordered and received</li> <li>Construction anticipated for Spring 2021</li> </ul>	
<b>Consultants:</b>	In house (Design Plant Engineer), Environetics for Baffles	
<b>Contractor:</b>	TBD	

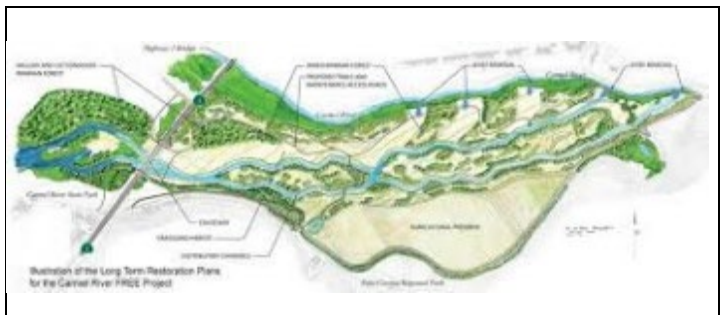


Photo: Carmel River Floodplain Restoration and Environmental Enhancement (CRFREE)

<b>Project Number:</b>	<b>19-21</b>	
<b>Project Name:</b>	<b>Carmel River FREE Mitigation</b>	
<b>Project Location:</b>	Carmel River Lagoon	
<b>Project Manager:</b>	Treasor	
<b>Status:</b>	Design/CEQA/Developing Funding Agreement	
<b>Project Description:</b>	The CRFREE Project intends to create a new river channel in the Carmel River lagoon floodplain which will significantly impact existing wastewater pipelines which cross the lagoon. To fully mitigate impacts from CRFREE the pipelines which are currently crossing over a portion of the lagoon are proposed to be installed underground using Horizontal Directional Drilling construction methods.	
<b>Department:</b>	Engineering	
<b>Financial:</b>	Grant Budget:	Cumulative Spent:
	\$750,000	\$217,963
<b>Financial:</b>	Grant FY Budget:	FY Spent:
	\$750,000	\$217,963
** Project is being funded by CRFREE initiated grants		
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	Monterey County	
<b>Permits Required:</b>	Coastal Commission, CA Fish and Wildlife, Army Corp of Engineers, Regional Water Quality Control Board (RWQCB)	
<b>Challenges:</b>	Construction near Environmentally Sensitive Habitat and obtaining new Easement from State Parks	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Design and CEQA anticipated completion Summer 2021</li> <li>Construction anticipated in Summer 2022</li> </ul>	
<b>Consultants:</b>	Design: Kennedy Jenks and Staheli Trenchless CEQA: Johnson Marigot	
<b>Contractor:</b>	Pending	



Photo: Admin Building Permit Desk

<b>Project Number:</b> 20-01		
<b>Project Name:</b> Administration Building COVID Control Improvements		
<b>Project Location:</b> Administration Building		
<b>Project Manager:</b> Treanor/Foley		
<b>Status:</b> Complete		
<b>Project Description:</b> HVAC Improvements to control airborne viruses, enclosure of permit desk to eliminate contact between staff and visitors.		
<b>Department:</b> Administration		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$75,000	\$61,803
<b>Financial:</b>	FY Budget:	FY Spent:
	\$75,000	\$61,803
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	None	
<b>Permits Required:</b>	Building Permits	
<b>Challenges:</b>	Emerging science around COVID-19	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Design June and July 2020</li> <li>Construction complete</li> </ul>	
<b>Consultants:</b>	Design: Davner Engineering	
<b>Contractor:</b>	Coast Counties Glass	



Photo: WWTP Stormwater Pump Station

<b>Project Number:</b> 20-02		
<b>Project Name:</b> WWTP Stormwater Pollution Prevention Plan Update		
<b>Project Location:</b> Treatment Plant		
<b>Project Manager:</b> Treanor/Dias		
<b>Status:</b> In Study Phase		
<b>Project Description:</b> Update to the existing CAWD WWTP Stormwater Pollution Prevention Plan as required by the National Pollution Discharge Elimination System (NPDES) General Stormwater Permit		
<b>Department:</b> Treatment		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$35,000	\$23,923
<b>Financial:</b>	FY Budget:	FY Spent:
	\$35,000	\$23,923
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	None	
<b>Permits Required:</b>	Part of General Stormwater Permit	
<b>Challenges:</b>	None	
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Plan Development in 2021</li> </ul>	
<b>Consultants:</b>	Kennedy Jenks Consultants	
<b>Contractor:</b>	N/A	





Photo: River Watch logo

<b>Project Number:</b> 20-05		
<b>Project Name:</b> River Watch Agreement		
<b>Project Location:</b> Collection System		
<b>Project Manager:</b> Lathér		
<b>Status:</b> Work in Progress		
<b>Project Description:</b> Work with collections to provide data that is needed to satisfy the milestones in the agreement with River Watch.		
<b>Department:</b> Collections		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	N/A	N/A
<b>Financial:</b>	FY Budget:	FY Spent:
	N/A	N/A
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	River Watch	
<b>Permits Required:</b>	none	
<b>Challenges:</b>	CCTV scheduling deadlines. The Board agreed to increase staffing by 1 FTE to assist us in meeting the required schedule. New employee started 11-20-20. Received 1 yr. extension from River Watch due to COVID-19.	
<b>Schedule:</b>	Due date June 2023	
<b>Consultants:</b>		
<b>Contractor:</b>	N/A	

Project #	PROJECT	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1	Canal Meadow Pipeline (Caso Ora)	\$185,415	\$1,000,000									
2	Malibu Canyon Pipeline Pipe Replacing	\$1,426,000										
3	Pipe Repair - Casco Pipe Replacements	\$1,760,000										
4	New Sewer PS Rehabilitation	\$180,000	\$150,000	\$110,000								
5	San Juan Pipeline - Upgrade to Sewer	\$240,000	\$900,000	\$600,000								
6	Providence Creek Sewer Pipe Repair	\$225,000	\$1,215,000									
7	Financial Upgrade at Thousand Oaks Station	\$140,000										
8	Water Valve PS and Sewers - South of Santa Anita		\$150,000									
9	17th - Morgan to San Juan		\$150,000									
10	Canal Waste Sewer Rehabilitation											
11	San Juan PS Rehabilitation											
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Photo: LT Capital Schedule

<b>Project Number:</b> 20-06		
<b>Project Name:</b> Collections 20-Year CIP		
<b>Project Location:</b> Collection System		
<b>Project Manager:</b> Lathér		
<b>Status:</b> Work in Progress		
<b>Project Description:</b> Utilize updated sewer line inspection information and flow modeling to develop a 20-year Construction Improvement Plan		
<b>Department:</b> Collections		
<b>Projection of Total Capital Costs-20Yr</b>	Construction Costs:	Administration Costs:
	\$50,000,000	\$10,000,000 (20% engineering, legal, admin)
<b>Financial:</b>	Cumulative 15YR Budget:	Cumulative Spent:
	EST \$30M	N/A
<b>Financial:</b>	FY Budget:	FY Spent:
	N/A	N/A
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	River Watch	
<b>Permits Required:</b>	none	
<b>Challenges:</b>		
<b>Schedule:</b>	2020 - 2040	
<b>Consultants:</b>	West Yost	
<b>Contractor:</b>	N/A	



Photo: Looking at Pump Station Exterior

<b>Project Number:</b>			<b>20-07</b>
<b>Project Name:</b>			<b>Bay/Scenic Pump Station Rehabilitation</b>
<b>Project Location:</b>			Collection System
<b>Project Manager:</b>			Lathér
<b>Status:</b>			In Design
<b>Project Description:</b>			Remodel the interior of the pump station and update SCADA panel to remove from areas prone to flooding.
<b>Department:</b>			Collections
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:	
	\$600,000	\$0	
<b>Financial:</b>	FY Budget:	FY Spent:	
	\$100,000	\$0	
<b>Reclamation Share:</b>		0%	
<b>Other Entities:</b>		Carmel-by-the-Sea, Coastal	
<b>Permits Required:</b>		Exemptions from CEQA & Coastal	
<b>Challenges:</b>		Traffic Control	
<b>Schedule:</b>		Design 2021, Construct 2022	
<b>Consultants:</b>		Pending	
<b>Contractor:</b>		Pending	



Photo: Pipe Bursting Limits on Scenic

<b>Project Number:</b>			<b>20-08</b>
<b>Project Name:</b>			<b>Scenic Rd Pipe Bursting - Ocean to Bay</b>
<b>Project Location:</b>			Collection System
<b>Project Manager:</b>			Lathér
<b>Status:</b>			In Design
<b>Project Description:</b>			Replace approximately 4,950 linear feet of existing 6-inch clay pipe with a new 8-inch (HDPE) Includes manhole rehabilitation.
<b>Department:</b>			Collections
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:	
	\$1,400,000	\$0	
<b>Financial:</b>	FY Budget:	FY Spent:	
	\$200,000	\$0	
<b>Reclamation Share:</b>		0%	
<b>Other Entities:</b>		Carmel-by-the-Sea, Coastal	
<b>Permits Required:</b>		Exemptions from CEQA & Coastal	
<b>Challenges:</b>		Traffic Control	
<b>Schedule:</b>		Design 2021, Construct 2022	
<b>Consultants:</b>		Pending	
<b>Contractor:</b>		Pending MNS	



*Photo: WWTP Aerial Showing Eucalyptus Trees Around Perimeter*

<b>Project Number:</b>			<b>21-01</b>
<b>Project Name:</b>			<b>WWTP Eucalyptus Tree Pruning</b>
<b>Project Location:</b>			Wastewater Treatment Plant
<b>Project Manager:</b>			Treanor
<b>Status:</b>			CEQA
<b>Project Description:</b>			Trim Eucalyptus Trees around WWTP to control overgrowth of trees and mitigate spread of non-native tree.
<b>Department:</b>			Treatment
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:	
	\$180,000	\$0	
<b>Financial:</b>	FY Budget:	FY Spent:	
	\$180,000	\$0	
<b>Reclamation Share:</b>			0%
<b>Other Entities:</b>			N/A
<b>Permits Required:</b>			Coastal Commission Notification, County Tree Cutting Permit
<b>Challenges:</b>			
<b>Schedule:</b>			Tree Trimming anticipated during non-nesting season (fall-winter 21/22)
<b>Consultants:</b>			Burleson Consulting (Environmental Monitoring) Frank Ono (Arborist)
<b>Contractor:</b>			TBD



*Photo: Sewer Line Repair*

<b>Project Number:</b>			<b>21-02</b>
<b>Project Name:</b>			<b>2021 Pipeline Spot Repairs</b>
<b>Project Location:</b>			Collection System
<b>Project Manager:</b>			Lathér
<b>Status:</b>			Design In-House
<b>Project Description:</b>			Repairs to damaged sections of pipe at various locations throughout the District as noted in sewer video inspections
<b>Department:</b>			Collections
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:	
	\$150,000 (FY21-22)	\$0	
<b>Financial:</b>	FY Budget:	FY Spent:	
	\$150,000 (FY21-22)	\$0	
<b>Reclamation Share:</b>			0%
<b>Other Entities:</b>			N/A
<b>Permits Required:</b>			none
<b>Challenges:</b>			Traffic control in area of town, depth of repair.
<b>Schedule:</b>			Complete by June 2021
<b>Consultants:</b>			N/A
<b>Contractor:</b>			N/A



*Photo: Impressed Current Rectifier*

<b>Project Number:</b>		<b>21-03</b>	
<b>Project Name:</b>		<b>Cathodic Protection Testing</b>	
<b>Project Location:</b>		Treatment Plant	
<b>Project Manager:</b>		Treanor	
<b>Status:</b>		Testing in May	
<b>Project Description:</b>		Testing and evaluation of existing 50-year old impressed current cathodic protection system for WWTP Ocean Outfall, and improvements design.	
<b>Department:</b>		Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:	
	\$30,000	\$0	
<b>Financial:</b>	FY Budget:	FY Spent:	
	\$30,000	\$0	
<b>Reclamation Share:</b>		0%	
<b>Other Entities:</b>		N/A	
<b>Permits Required:</b>		None	
<b>Challenges:</b>		None	
<b>Schedule:</b>		Complete by June 2021	
<b>Consultants:</b>		Trident Corrosion Engineering	
<b>Contractor:</b>		N/A	