



## **Treatment Plant Capital Project Summaries**



*Photo: Existing dilapidated fence*

<b>Project Number:</b>	<b>19-18</b>	
<b>Project Name:</b>	<b>WWTP Perimeter Improvements</b>	
<b>Project Location:</b>	Wastewater Treatment Plant	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	Complete	
<b>Project Description:</b>	Replace existing perimeter security fence and gates, add new emergency vehicle gate, remove perimeter Eucalyptus trees.	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget: \$945,460	Cumulative Spent: \$578,994
	FY Budget: \$810,000	FY Spent: \$407,444
<b>Reclamation Share:</b>	N/A	
<b>Other Entities:</b>	N/A	
<b>Permits Required:</b>	California Environmental Quality Act (CEQA) Mitigated Negative Declaration (MND), Coastal Developmental Permit (CDP) Notification	
<b>Challenges:</b>	Environmental Mitigations	
<b>Schedule:</b>	Complete	
<b>Consultants:</b>	Kennedy Jenks, Denise Duffy & Associates, Terracon	
<b>Contractor:</b>	Brett George, JR Fencing, Skyview Tree Experts, Inc.	



*Photo: Gas Meter on North Side of River*

<b>Project Number:</b>	<b>22-03</b>	
<b>Project Name:</b>	<b>WWTP Utility Mains Relocation</b>	
<b>Project Location:</b>	Wastewater Treatment Plant	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	90% Design, CEQA underway	
<b>Project Description:</b>	The natural gas and water utility service lines cross the Carmel River to reach the WWTP. These PVC lines have a high risk of failure. The gas line is needed for plant operations to provide supplementary heating to the digesters for thermophilic digestion. 12 kV PG&E power will be undergrounded as part of the project.	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget: \$291,533	Cumulative Spent: \$276,852
	FY Budget: \$110,000	FY Spent: \$95,320
<b>Reclamation Share:</b>	N/A	
<b>Other Entities:</b>	Cost Share w/ Collections @ 5.5%	
<b>Permits Required:</b>	TBD	
<b>Challenges:</b>	Coordination with State Parks, PG&E and CalAM	
<b>Schedule:</b>	CEQA analysis underway. Construction est. fall 2026.	
<b>Consultants:</b>	Kennedy Jenks, Denise Duffy & Associates	
<b>Contractor:</b>	TBD	



Photo: Office trailers at WWTP

<b>Project Number:</b>	<b>25-02</b>	
<b>Project Name:</b>	<b>WWTP Site Improvements</b>	
<b>Project Location:</b>	Wastewater Treatment Plant	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	Preliminary Design	
<b>Project Description:</b>	The office trailers at the WWTP do not have adequate space for current and future staff and have reached the end of their useful life. The pavement is in poor condition and several vaults and lids are failing. Project is inclusive of Equipment Enclosures, Plant Paving and Vault Lids, Plant Landscaping, and Office Trailer Replacements line items in the FY2025/26 LT Treatment CIP.	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$1,880,000	\$49,108
<b>Financial:</b>	FY Budget:	FY Spent:
	\$150,000	\$49,108
<b>Reclamation Share:</b>	N/A	
<b>Other Entities:</b>	Cost Share w/ Collections @ 5.5%	
<b>Permits Required:</b>	TBD	
<b>Challenges:</b>	Seismic design requirements	
<b>Schedule:</b>	Design underway, construction planned in Q4 2026.	
<b>Consultants:</b>	Kennedy/Jenks	
<b>Contractor:</b>	TBD	

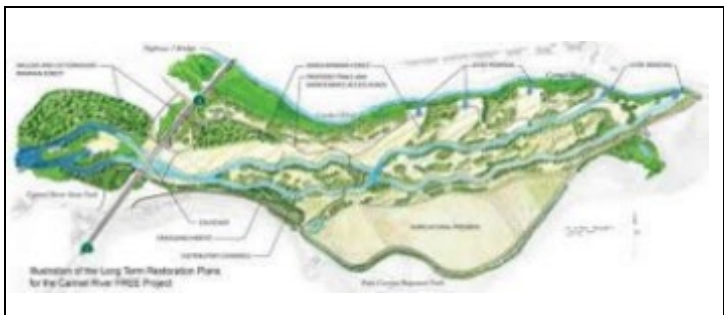


Photo: Carmel River Floodplain Restoration and Environmental Enhancement (CRFREE)

<b>Project Number:</b>	<b>19-21</b>	
<b>Project Name:</b>	<b>Carmel River Floodplain Restoration &amp; Environmental Enhancement (CRFREE) Mitigation</b>	
<b>Project Location:</b>	Carmel River Lagoon	
<b>Project Manager:</b>	Treanor	
<b>Status:</b>	Pending County 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 that 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>	Coastal Conservancy Grant Budget:	Cumulative Spent:
	\$750,000	\$618,569
<b>Financial:</b>		FY Spent:
		\$0
** Project is being funded by CRFREE initiated grants		
<b>Reclamation Share:</b>	N/A	
<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>	Pending funding agreement	
<b>Consultants:</b>	Design: Kennedy Jenks and Staheli Trenchless CEQA: Johnson Marigot	
<b>Contractor:</b>	TBD	



*Photo: Conceptual Rendering of Public Use and Bridge*

<b>Project Number:</b>	<b>22-04</b>	
<b>Project Name:</b>	<b>CAWD Bridge and Trail Project</b>	
<b>Project Location:</b>	Wastewater Treatment Plant	
<b>Project Manager:</b>	Treanor	
<b>Status:</b>	Preliminary design	
<b>Project Description:</b>	Construct a new bridge at the location of the existing CAWD bridge over the Carmel River. The Bridge would be open for public use and would allow for new walking trails to connect the City of Carmel-by-the-Sea (Mission Trail) to the Regional Parks (Palo Corona).	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	FY Budget:	FY Spent:
	\$144,845	\$71,602
	\$127,600	\$56,667
**No budget. Funding potential via Carmel River settlement grants.		
<b>Reclamation Share:</b>	N/A	
<b>Other Entities:</b>	State Parks, Diocese of Monterey, City of Carmel-by-the-Sea, Regional Parks District	
<b>Permits Required:</b>	TBD	
<b>Challenges:</b>	Obtaining funding and community support	
<b>Schedule:</b>	Preliminary design underway	
<b>Consultants:</b>	MME Civil + Structural	
<b>Contractor:</b>	TBD	

# **Reclamation Capital Project Summaries**



*Photo: Exterior of Tertiary Building*

<b>Project Number:</b>	<b>22-05</b>	
<b>Project Name:</b>	<b>Membrane Bioreactor Feasibility Study</b>	
<b>Project Location:</b>	Reclamation – Microfiltration (MF)/Reverse Osmosis (RO) and Tertiary Building	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	RFP Prep	
<b>Project Description:</b>	Feasibility/constructability analysis of MBR alternative identified in Phase II of 15-Year CIP Master Plan	
<b>Department:</b>	Treatment	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	FY Budget:	FY Spent:
	\$0	\$0
	\$0	\$0
<b>Reclamation Share:</b>	100%	
<b>Other Entities:</b>	Reclamation Project	
<b>Permits Required:</b>	None	
<b>Challenges:</b>	Complexity	
<b>Schedule:</b>	RFP for MBR Feasibility Study planned for July/August 2026.	
<b>Consultants:</b>	TBD	
<b>Contractor:</b>	N/A	

# **Collections Capital Project Summaries**



*Photo: Aerial gravity pipe in easement*

<b>Project Number:</b>	<b>19-03</b>	
<b>Project Name:</b>	<b>Carmel Meadows Sewer Replacement</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Treanor	
<b>Status:</b>	Design Update in Progress	
<b>Project Description:</b>	Replace 1,300 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. Located on an easement parallel to Ribera Road. Line was originally installed in the early 1960's.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget: \$1,233,817	Cumulative Spent: \$1,222,652
	FY Budget: \$300,000	FY Spent: \$240,552
<b>Permits Required:</b>	Local Coastal Development Permit	
<b>Challenges:</b>	Community Buy-In	
<b>Schedule:</b>	TBD	
<b>Consultants:</b>	Kennedy Jenks Consultants	
<b>Contractor:</b>	TBD	



*Photo: Sagged Pipeline*

<b>Project Number:</b>	<b>25-01</b>	
<b>Project Name:</b>	<b>Carmel Meadows Sewer Interim Repairs</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Henson	
<b>Status:</b>	Bid Phase	
<b>Project Description:</b>	Minor repairs to easement sewer line in response to Violation Letter from Regional Water Quality Control Board. Costs for interim repairs are being combined with Project 19-03.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	Regional Water Quality Control Board	
<b>Permits Required:</b>	Minor Repairs Exempt	
<b>Challenges:</b>	Construction on hillside	
<b>Schedule:</b>	Under construction	
<b>Consultants:</b>	Kennedy/Jenks	
<b>Contractor:</b>	Brett George	



Photo: Project Map

<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>	Treasor	
<b>Status:</b>	Construction Phase	
<b>Project Description:</b>	Replace approx. 10,561 linear feet of existing 6-inch clay pipe with 8-inch High-Density Polyethylene (HDPE), manhole rehabilitation.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$5,328,047	\$6,080,986
	FY Budget:	FY Spent:
	\$4,575,000	\$5,322,589
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	Carmel-by-the-Sea, Monterey Co, Coastal Commission	
<b>Permits Required:</b>	CEQA & Coastal Development permits from City and County	
<b>Challenges:</b>	Traffic control and schedule constraints. Cultural Resources at southern end of project.	
<b>Schedule:</b>	Construction underway.	
<b>Consultants:</b>	MNS, Harris & Assoc., TBC Communications	
<b>Contractor:</b>	KJ Woods	

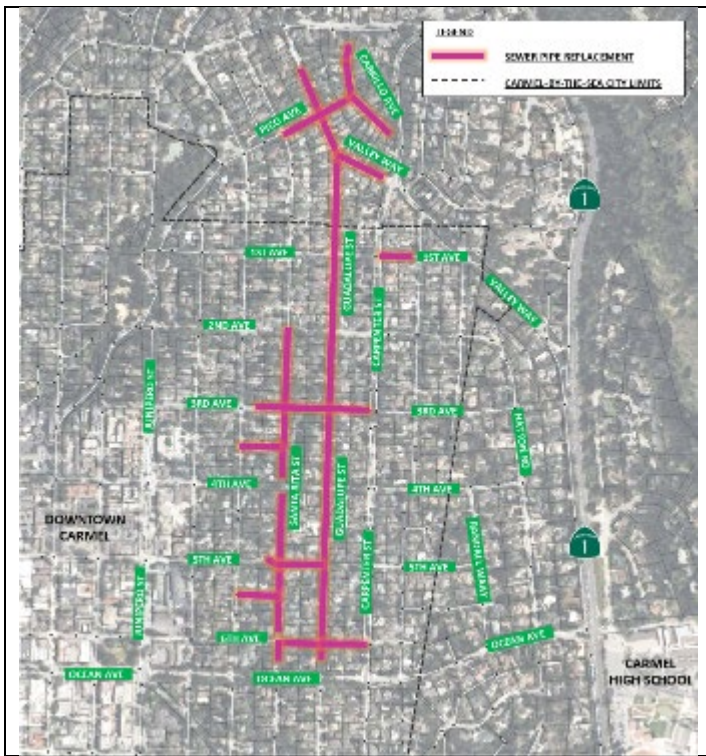


Photo: Project Map

<b>Project Number:</b>	<b>23-01</b>	
<b>Project Name:</b>	<b>Santa Rita &amp; Guadalupe</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Treanor	
<b>Status:</b>	Construction Phase	
<b>Project Description:</b>	Approx. 5,800 ft of 6" vitrified clay pipe to be replaced with 8-inch High-Density Polyethylene (HDPE), manhole rehabilitation.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$4,832,641	\$4,541,970
<b>Financial:</b>	FY Budget:	FY Spent:
	\$455,000	\$4,240,301
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	Carmel-by-the-Sea, Monterey Co.	
<b>Permits Required:</b>	None	
<b>Challenges:</b>	Traffic Controls	
<b>Schedule:</b>	Microsurfacing underway	
<b>Consultants:</b>	MNS, Harris & Assoc., TBC Communications	
<b>Contractor:</b>	Pacific Trenchless	



*Photo: Carmel Woods and Pescadero Rd Map*

<b>Project Number:</b>	<b>21-05</b>	
<b>Project Name:</b>	<b>Carmel Woods and Pescadero Sewer Improvements</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	In Design / CEQA	
<b>Project Description:</b>	Install new pipe in road to divert majority of flow from pipe on slope.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$612,508	\$723,289
	FY Budget:	FY Spent:
	\$200,000	\$300,510
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	N/A	
<b>Permits Required:</b>	Environmental Review	
<b>Challenges:</b>	Narrow road, depth of manholes, environmentally sensitive area	
<b>Schedule:</b>	CEQA analysis underway, design completion est. Q3 2026, construction starts est. Q4 2026.	
<b>Consultants:</b>	MNS, Denise Duffy, TBC Communications & Media	
<b>Contractor:</b>	TBD	



*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>	Henson	
<b>Status:</b>	On Hold	
<b>Project Description:</b>	Eliminate flooding risk by relocating electrical panels above grade.	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$314,065	\$196,021
	FY Budget:	FY Spent:
	\$150,000	\$31,957
<b>Reclamation Share:</b>	0%	
<b>Other Entities:</b>	Carmel-by-the-Sea, Coastal Commission	
<b>Permits Required:</b>	Exemptions from CEQA and Coastal dependent on panel location requirements.	
<b>Challenges:</b>	Traffic Control, Panel Location away from bluff	
<b>Schedule:</b>	Design planned to restart Q3 2026, construction in 2027	
<b>Consultants:</b>	TBD	
<b>Contractor:</b>	Pending	

## **Collections Non-Capital Project Summaries**



*Photo: Pipe Repairs*

<b>Project Number:</b> 24-01		
<b>Project Name:</b> 2025 Sewer Pipe Repairs		
<b>Project Location:</b> Collection System		
<b>Project Manager:</b> Lauer		
<b>Status:</b> In Progress		
<b>Project Description:</b> Miscellaneous repairs of existing pipes in the collection system		
<b>Department:</b> Collections		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$610,000	N/A
<b>Financial:</b>	FY Budget:	FY Spent:
	\$200,000	\$0.00
<b>Other Entities:</b> N/A		
<b>Permits Required:</b> City and County Encroachment Permits		
<b>Challenges:</b> Varied site conditions from location to location, as well as various types of deficiencies to repair throughout the collections system.		
<b>Schedule:</b> Ongoing		
<b>Contractor:</b> TBD		



*Photo: Inside of Sewer Manhole*

<b>Project Number:</b> 24-02		
<b>Project Name:</b> 2025 Manhole Coating		
<b>Project Location:</b> Collection System		
<b>Project Manager:</b> Lauer		
<b>Status:</b> On Hold		
<b>Project Description:</b> Coating manholes to extend life span		
<b>Department:</b> Collections		
<b>Financial:</b>	Cumulative Budget:	Cumulative Spent:
	\$660,000	N/A
<b>Financial:</b>	FY Budget:	FY Spent:
	\$200,000	0
<b>Other Entities:</b> N/A		
<b>Permits Required:</b>		
<b>Challenges:</b>		
<b>Schedule:</b>		
<b>Contractor:</b> TBD		

## **Assessment Districts/Annexations**

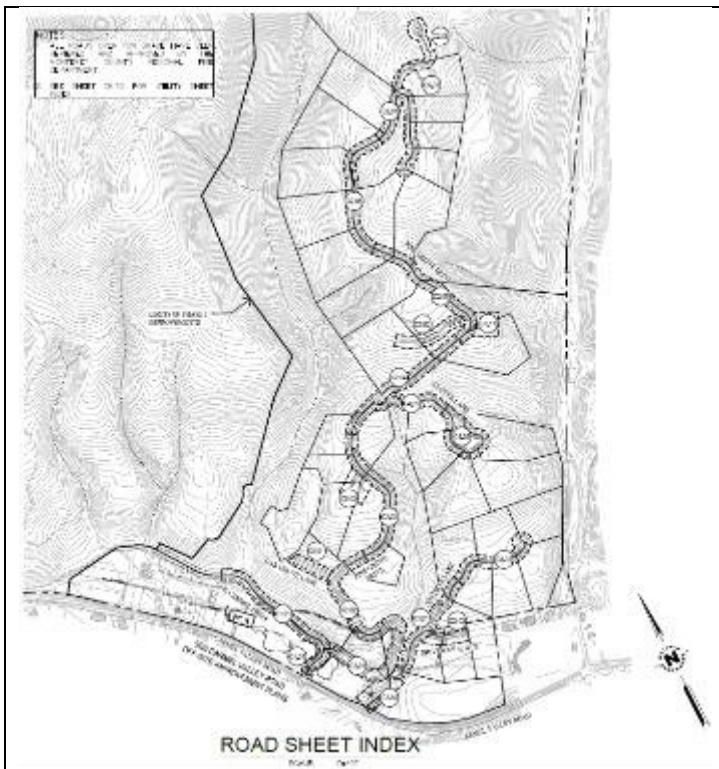


Photo: Map of September Ranch Subdivision

<b>Project Number:</b>	<b>18-29</b>	
<b>Project Name:</b>	<b>September Ranch Subdivision</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Trenor	
<b>Status:</b>	In Construction	
<b>Project Description:</b>	New housing subdivision is being built. Sewer infrastructure is being constructed by developer under jurisdiction of CAWD. Approximately 35 undeveloped lots.	
<b>Department:</b>	Collections	
<b>Financial: this is an unbudgeted item-under repayment agreement</b>	Cumulative Budget:	Cumulative Spent:
	\$0	\$0
<b>Other Entities:</b>	FY Budget:	FY Spent:
	\$0	\$0
<b>Permits Required:</b>	N/A	
<b>Challenges:</b>	Developer Obtained Permits	
<b>Schedule:</b>	Construction by developer.	
<b>Consultants:</b>	Construction underway	
<b>Contractor:</b>	Unknown	
<b>Contractor:</b>	MNS Engineers, Inc.	
<b>Contractor:</b>	Don Chapin	

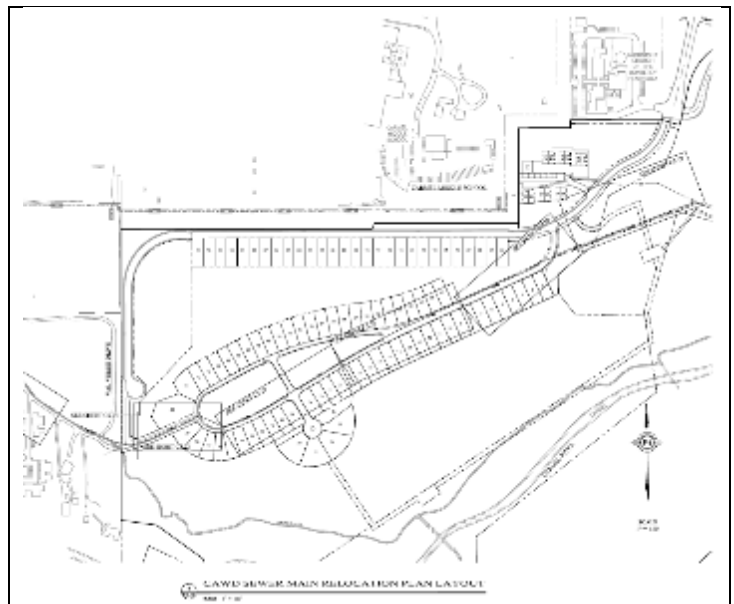


Photo: Location of Rancho Cañada Village Subdivision

<b>Project Number:</b>	<b>23-03</b>	
<b>Project Name:</b>	<b>Rancho Cañada Village Subdivision</b>	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Trenor	
<b>Status:</b>	Sewer Agreement	
<b>Project Description:</b>	New housing subdivision is being built. Sewer infrastructure is being constructed by developer under jurisdiction of CAWD.	
<b>Department:</b>	Collections	
<b>Financial: this is an unbudgeted item-under repayment agreement</b>	Cumulative Budget:	Cumulative Spent:
	\$0	\$0
<b>Other Entities:</b>	FY Budget:	FY Spent:
	\$0	\$0
<b>Permits Required:</b>	N/A	
<b>Challenges:</b>	Developer Obtained Permits.	
<b>Schedule:</b>	Construction by developer.	
<b>Consultants:</b>	Construction underway	
<b>Contractor:</b>	Unknown	
<b>Contractor:</b>	Unknown	

## **Other Non-Capital Project Summaries**

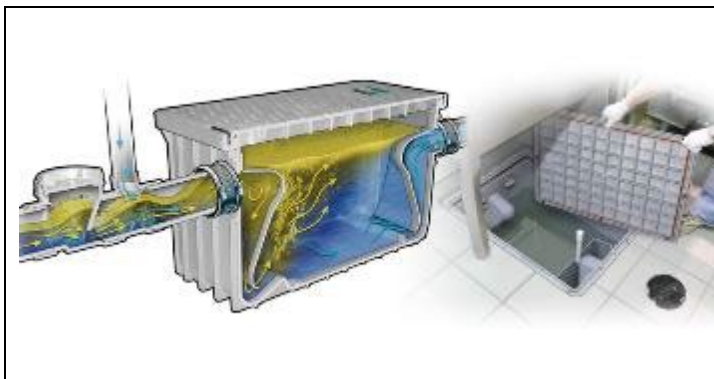


Photo: Grease Trap Graphic

<b>Project Number:</b>	N/A	
<b>Project Name:</b>	Source Control -Environmental Compliance -Six Sigma	
<b>Project Location:</b>	Collection System	
<b>Project Manager:</b>	Henson	
<b>Status:</b>	Compliance Phas4e	
<b>Project Description:</b>	A Six Sigma project to improve source control for grease laden wastewater being discharged from restaurants. Grease problems are ongoing and require more oversight of restaurants' grease control activities.	
<b>Department:</b>	Engineering	
<b>Financial:</b>	Cumulative Budget: \$0	Cumulative Spent: \$2,000
	FY Budget: \$0	FY Spent: \$0
<b>Permits Required:</b>	None	
<b>Challenges:</b>	Restaurant plumbing.	
<b>Schedule:</b>	Compliance letters being sent to restaurants	
<b>Consultants:</b>	n/a	



Photo: California coastline

<b>Project Number:</b>	22-01	
<b>Project Name:</b>	Long-Term Sea Level Rise Planning	
<b>Project Location:</b>	Treatment Plant	
<b>Project Manager:</b>	Henson	
<b>Status:</b>	2025 Study Complete	
<b>Project Description:</b>	As conditions of Coastal Permit #3-82-199-A8 - the District submitted its Five-Year Hazards and Local Projects Update on 5-1-25.	
<b>Department:</b>	Administration	
<b>Financial:</b>	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
<b>Permits Required:</b>	In response to California Coastal Commission	
<b>Challenges:</b>	Establishing focus on long term objectives and committing to follow through items as outlined.	
<b>Schedule:</b>	Most recent five-year hazards & Local Projects Update study completed in May 2025.	
<b>Consultants:</b>	Greeley & Hansen	



*Photo: Easement with downed tree*

<b>Project Number:</b>	N/A	
<b>Project Name:</b>	<b>Easement Surveys and CEQA Analysis</b>	
<b>Project Location:</b>	Easements and Rights-of-Way	
<b>Project Manager:</b>	Bandy	
<b>Status:</b>	CEQA study underway	
<b>Project Description:</b>	Program-level CEQA analysis, easement and tree surveys for ongoing easement maintenance and tree removal	
<b>Department:</b>	Collections	
<b>Financial:</b>	Cumulative Budget: \$200,000	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
<b>Permits Required:</b>	As-needed for future tree removal	
<b>Challenges:</b>	Collections management of future easement maintenance and tree removal contractors	
<b>Schedule:</b>	CEQA analysis and high-priority easement surveys est. complete Q1 2027	
<b>Consultants:</b>	Rincon	