



Treatment Plant Capital Project Summaries



Photo: Existing dilapidated fence

Project Number:	19-18	
Project Name:	WWTP Perimeter Improvements	
Project Location:	Wastewater Treatment Plant	
Project Manager:	Bandy	
Status:	Fence replacement bidding	
Project Description:	Replace existing perimeter security fence and gates, add new emergency vehicle gate, remove perimeter Eucalyptus trees	
Department:	Treatment	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$945,460	\$370,043
Financial:	FY Budget:	FY Spent:
	\$810,000	\$541,593
Reclamation Share:	N/A	
Other Entities:	N/A	
Permits Required:	California Environmental Quality Act (CEQA) Mitigated Negative Declaration (MND), Coastal Developmental Permit (CDP) Notification	
Challenges:	Environmental Mitigations	
Schedule:	Tree removal completed Feb 2026. Fence replacement bidding for award in March 2026.	
Consultants:	Kennedy Jenks, Denise Duffy & Associates, Terracon	
Contractor:	Skyview Tree Experts, Inc./TBD	



Photo: Gas Meter on North Side of River

Project Number:	22-03	
Project Name:	WWTP Utility Mains Relocation	
Project Location:	Wastewater Treatment Plant	
Project Manager:	Bandy	
Status:	90% Design, CEQA underway	
Project Description:	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.	
Department:	Treatment	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$291,533	\$263,032
Financial:	FY Budget:	FY Spent:
	\$110,000	\$81,499
Reclamation Share:	N/A	
Other Entities:	Cost Share w/ Collections @ 5.5%	
Permits Required:	TBD	
Challenges:	Coordination with State Parks, PG&E and CalAM	
Schedule:	CEQA analysis underway. Construction est. fall 2026.	
Consultants:	Kennedy Jenks, Denise Duffy & Associates	
Contractor:	TBD	



Photo: Office trailers at WWTP

Project Number:	25-02	
Project Name:	WWTP Site Improvements	
Project Location:	Wastewater Treatment Plant	
Project Manager:	Bandy	
Status:	Preliminary Design	
Project Description:	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.	
Department:	Treatment	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$1,880,000	\$35,155
Reclamation Share:	FY Budget:	FY Spent:
	\$150,000	\$35,155
Other Entities:	N/A	
Permits Required:	Cost Share w/ Collections @ 5.5%	
Challenges:	TBD	
Schedule:	Seismic design requirements	
Consultants:	Design contract for BOD consideration in March, construction planned in Q4 2026.	
Contractor:	Kennedy/Jenks	
Contractor:	TBD	

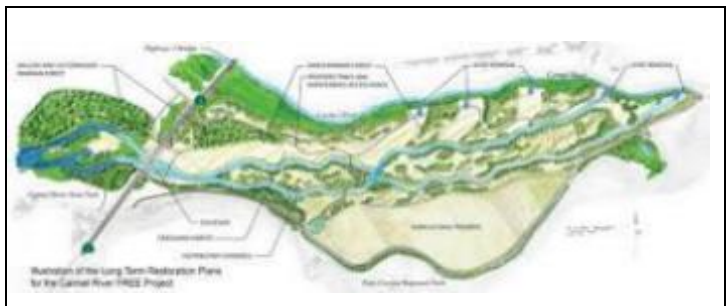


Photo: Carmel River Floodplain Restoration and Environmental Enhancement (CRFREE)

Project Number:	19-21	
Project Name:	Carmel River Floodplain Restoration & Environmental Enhancement (CRFREE) Mitigation	
Project Location:	Carmel River Lagoon	
Project Manager:	Treanor	
Status:	Pending County Funding Agreement	
Project Description:	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.	
Department:	Engineering	
Financial:	Coastal Conservancy Grant Budget:	Cumulative Spent:
	\$750,000	\$618,569
		FY Spent:
		\$0
** Project is being funded by CRFREE initiated grants		
Reclamation Share:	N/A	
Other Entities:	Monterey County	
Permits Required:	Coastal Commission, CA Fish and Wildlife, Army Corp of Engineers, Regional Water Quality Control Board (RWQCB)	
Challenges:	Construction near environmentally sensitive habitat and obtaining new easement from State Parks	
Schedule:	Pending funding agreement	
Consultants:	Design: Kennedy Jenks and Staheli Trenchless CEQA: Johnson Marigot	
Contractor:	TBD	



Photo: Conceptual Rendering of Public Use and Bridge

Project Number:	22-04	
Project Name:	CAWD Bridge and Trail Project	
Project Location:	Wastewater Treatment Plant	
Project Manager:	Treanor	
Status:	Preliminary design	
Project Description:	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).	
Department:	Treatment	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$144,845	\$30,598
	FY Budget:	FY Spent:
	\$127,600	\$15,663
**No budget. Funding potential via Carmel River settlement grants.		
Reclamation Share:	N/A	
Other Entities:	State Parks, Diocese of Monterey, City of Carmel-by-the-Sea, Regional Parks District	
Permits Required:	TBD	
Challenges:	Obtaining funding and community support	
Schedule:	Preliminary design underway	
Consultants:	MME Civil + Structural	
Contractor:	TBD	

Reclamation Capital Project Summaries



Photo: Exterior of Tertiary Building

Project Number:	22-05	
Project Name:	Reclamation MF/RO and Tertiary System 15-Year Capital Improvement Program (CIP) Master Plan Phase II	
Project Location:	Reclamation – Microfiltration (MF)/Reverse Osmosis (RO) and Tertiary Building	
Project Manager:	Bandy	
Status:	Phase 2 – Alternatives Analysis-In Progress	
Project Description:	Asset management condition and risk evaluations, development of projections of capital expenditures, and preliminary engineering planning	
Department:	Treatment	
Financial:	Cumulative Budget: \$349,250	Cumulative Spent: \$91,609
	FY Budget: \$204,625	FY Spent: \$91,609
Reclamation Share:	100%	
Other Entities:	Reclamation Project	
Permits Required:	None	
Challenges:	Complexity	
Schedule:	Master planning est. complete May 2026	
Consultants:	Kennedy Jenks, Trussell Technologies, Inc.	
Contractor:	N/A	

Collections Capital Project Summaries



Photo: Aerial gravity pipe in easement

Project Number:	19-03	
Project Name:	Carmel Meadows Sewer Replacement	
Project Location:	Collection System	
Project Manager:	Treanor	
Status:	Design Update in Progress	
Project Description:	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.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$1,233,817	\$1,209,721
Financial:	FY Budget:	FY Spent:
	\$300,000	\$227,621
Permits Required:	Local Coastal Development Permit	
Challenges:	Community Buy-In	
Schedule:	TBD	
Consultants:	Kennedy Jenks Consultants	
Contractor:	TBD	



Photo: Sagged Pipeline

Project Number:	25-01	
Project Name:	Carmel Meadows Sewer Interim Repairs	
Project Location:	Collection System	
Project Manager:	Henson	
Status:	Bid Phase	
Project Description:	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.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$0	\$0
Financial:	FY Budget:	FY Spent:
	\$0	\$0
Reclamation Share:	0%	
Other Entities:	Regional Water Quality Control Board	
Permits Required:	Minor Repairs Exempt	
Challenges:	Construction on hillside	
Schedule:	Contract award in March	
Consultants:	Kennedy/Jenks	
Contractor:	Pending	



Photo: Project Map

Project Number:	20-08	
Project Name:	Scenic Rd Pipe Bursting - Ocean to Bay	
Project Location:	Collection System	
Project Manager:	Treanor	
Status:	Construction Phase	
Project Description:	Replace approx. 10,561 linear feet of existing 6-inch clay pipe with 8-inch High-Density Polyethylene (HDPE), manhole rehabilitation.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$5,328,047	\$4,954,853
Financial:	FY Budget:	FY Spent:
	\$4,575,000	\$4,196,456
Reclamation Share:	0%	
Other Entities:	Carmel-by-the-Sea, Monterey Co, Coastal Commission	
Permits Required:	CEQA & Coastal Development permits from City and County	
Challenges:	Traffic control and schedule constraints. Cultural Resources at southern end of project.	
Schedule:	Construction underway.	
Consultants:	MNS, Harris & Assoc., TBC Communications	
Contractor:	KJ Woods	

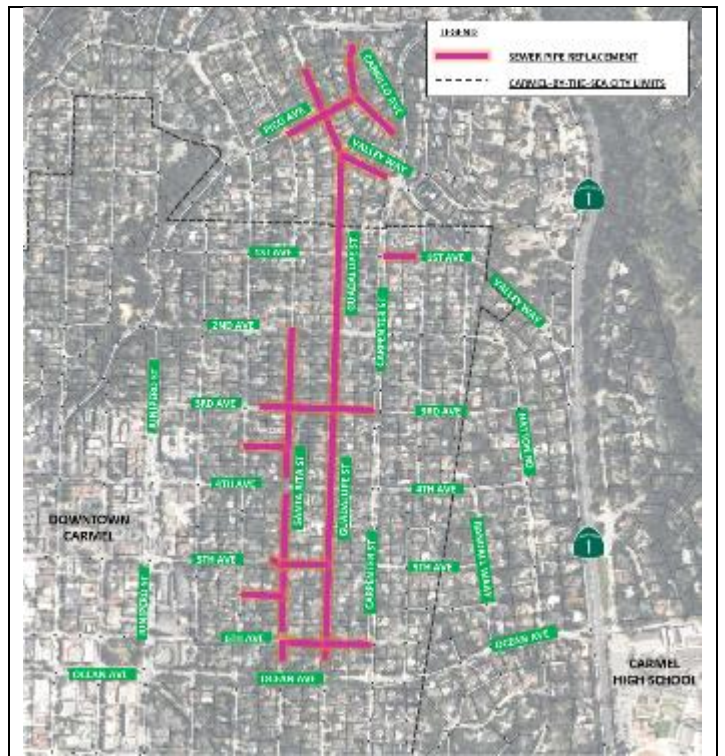


Photo: Project Map

Project Number:	23-01	
Project Name:	Santa Rita & Guadalupe	
Project Location:	Collection System	
Project Manager:	Treanor	
Status:	Construction Phase	
Project Description:	Approx. 5,800 ft of 6" vitrified clay pipe to be replaced with 8-inch High-Density Polyethylene (HDPE), manhole rehabilitation.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$4,832,641	\$3,666,525
Financial:	FY Budget:	FY Spent:
	\$455,000	\$3,364,856
Reclamation Share:	0%	
Other Entities:	Carmel-by-the-Sea, Monterey Co.	
Permits Required:	None	
Challenges:	Traffic Controls	
Schedule:	Contract pipe bursting scope complete. Extra pipe bursting underway. Microsurfacing planned for Summer 2026.	
Consultants:	MNS, Harris & Assoc., TBC Communications	
Contractor:	Pacific Trenchless	



Photo: Carmel Woods and Pescadero Rd Map

Project Number:	21-05	
Project Name:	Carmel Woods and Pescadero Sewer Improvements	
Project Location:	Collection System	
Project Manager:	Bandy	
Status:	In Design / CEQA	
Project Description:	Install new pipe in road to divert majority of flow from pipe on slope.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$612,508	\$637,745
	FY Budget:	FY Spent:
	\$200,000	\$214,966
Reclamation Share:	0%	
Other Entities:	N/A	
Permits Required:	Environmental Review	
Challenges:	Narrow road, depth of manholes, environmentally sensitive area	
Schedule:	CEQA analysis underway, design completion est. Q3 2026, construction starts est. Q4 2026.	
Consultants:	MNS, Denise Duffy, TBC Communications & Media	
Contractor:	TBD	



Photo: Looking at Pump Station Exterior

Project Number:	20-07	
Project Name:	Bay/Scenic Pump Station Rehabilitation	
Project Location:	Collection System	
Project Manager:	Henson	
Status:	On Hold	
Project Description:	Eliminate flooding risk by relocating electrical panels above grade.	
Department:	Collections	
Financial:	Cumulative Budget:	Cumulative Spent:
	\$314,065	\$196,021
	FY Budget:	FY Spent:
	\$150,000	\$31,957
Reclamation Share:	0%	
Other Entities:	Carmel-by-the-Sea, Coastal Commission	
Permits Required:	Exemptions from CEQA and Coastal dependent on panel location requirements.	
Challenges:	Traffic Control, Panel Location away from bluff	
Schedule:	Design planned to restart Q2 2025, construction in FY2026/2027	
Consultants:	TBD	
Contractor:	Pending	

Highlands Force Main Retrofits #24-04



Project Number:	24-04	
Project Name:	Highlands Force Main Retrofits	
Project Location:	Collection System	
Project Manager:	Bandy	
Status:	In Construction	
Project Description:	Replace PVC flushing inlets.	
Financial:	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
Other Entities:	California State Parks	
Permits Required:	CalTrans Encroachment	
Challenges:	Construction along Hwy 1	
Schedule:	Construction in March 2026.	
Consultants:	MNS Engineers	
Contractor:	Rooter King	

Collections Non-Capital Project Summaries



Photo: Pipe Repairs

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



Photo: Inside of Sewer Manhole

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

Assessment Districts/Annexations

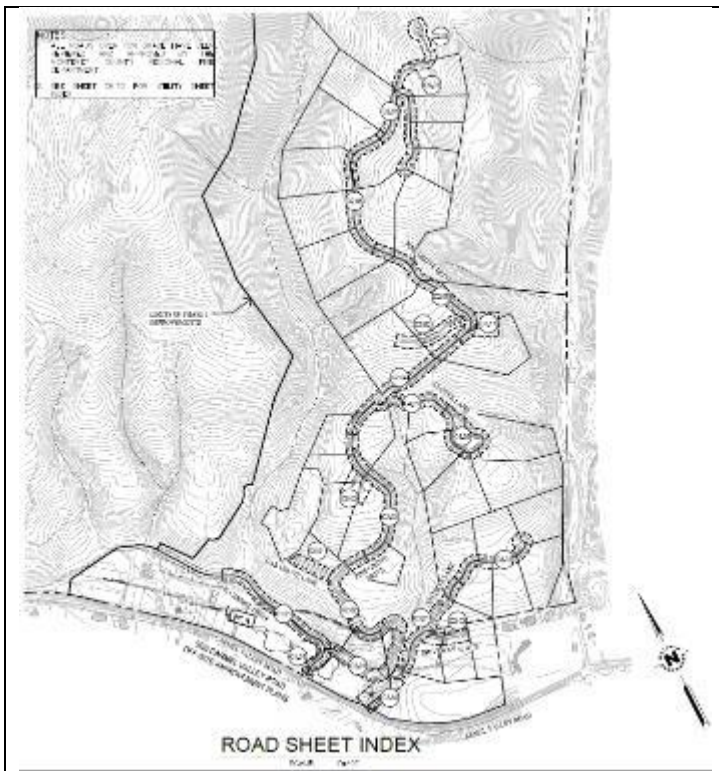


Photo: Map of September Ranch Subdivision

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

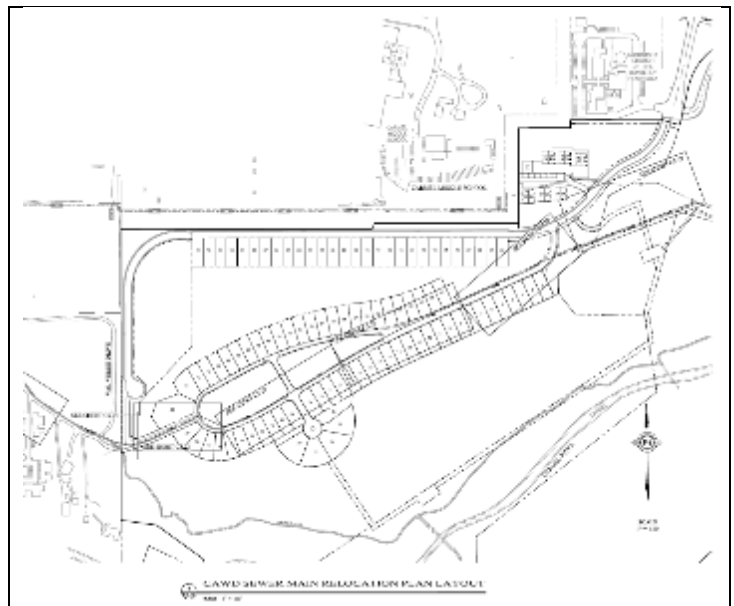


Photo: Location of Rancho Cañada Village Subdivision

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

Other Non-Capital Project Summaries

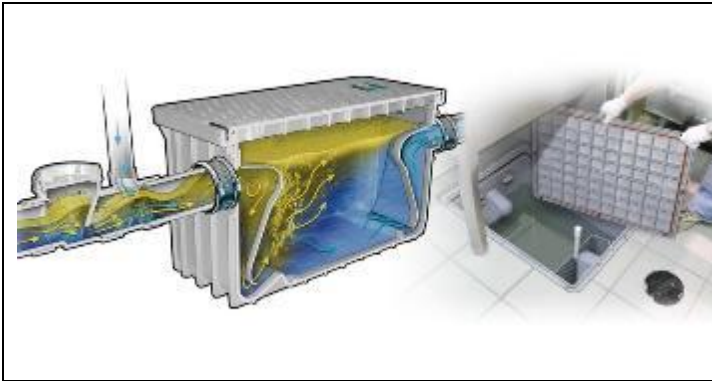


Photo: Grease Trap Graphic

Project Number:	N/A	
Project Name:	Source Control -Environmental Compliance -Six Sigma	
Project Location:	Collection System	
Project Manager:	Henson	
Status:	Compliance Phas4e	
Project Description:	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.	
Department:	Engineering	
Financial:	Cumulative Budget: \$0	Cumulative Spent: \$2,000
	FY Budget: \$0	FY Spent: \$0
Permits Required:	None	
Challenges:	Restaurant plumbing.	
Schedule:	Compliance letters being sent to restaurants	
Consultants:	n/a	



Photo: California coastline

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

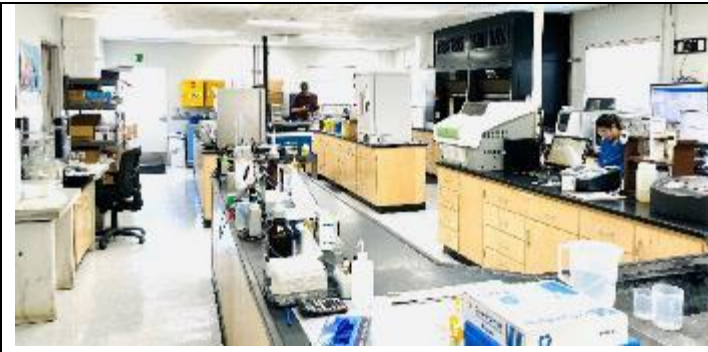


Photo: CAWD Lab

Project Number:	N/A	
Project Name:	Lab ELAP Accreditation	
Project Location:	Laboratory	
Project Manager:	Serageldin	
Status:	In Progress	
Project Description:	State Water Quality Control Board Environmental Lab Accreditation Program (ELAP) ensures laboratories generate environmental and public health data of known, consistent, and documented quality to meet stakeholder needs.	
Department:	Laboratory	
Financial:	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
Permits Required:	N/A	
Challenges:	Complexity of TNI standards	
Schedule:	ELAP audit passed in January 2026, application for renewed accreditation underway estimated approval April 2026.	
Consultants:	N/A	



Photo: CAWD Lab

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Project Description:	State Water Quality Control Board Environmental Lab Accreditation Program (ELAP) ensures laboratories generate environmental and public health data of known, consistent, and documented quality to meet stakeholder needs.	
Department:	Laboratory	
Financial:	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
Permits Required:	N/A	
Challenges:	Complexity of TNI standards	
Schedule:	ELAP audit passed in January 2026, application for renewed accreditation underway estimated approval April 2026.	
Consultants:	N/A	



Photo: CAWD Lab

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Project Manager:	Serageldin	
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Project Description:	State Water Quality Control Board Environmental Lab Accreditation Program (ELAP) ensures laboratories generate environmental and public health data of known, consistent, and documented quality to meet stakeholder needs.	
Department:	Laboratory	
Financial:	Cumulative Budget: \$0	Cumulative Spent: \$0
	FY Budget: \$0	FY Spent: \$0
Permits Required:	N/A	
Challenges:	Complexity of TNI standards	
Schedule:	ELAP audit passed in January 2026, application for renewed accreditation underway estimated approval April 2026.	
Consultants:	N/A	