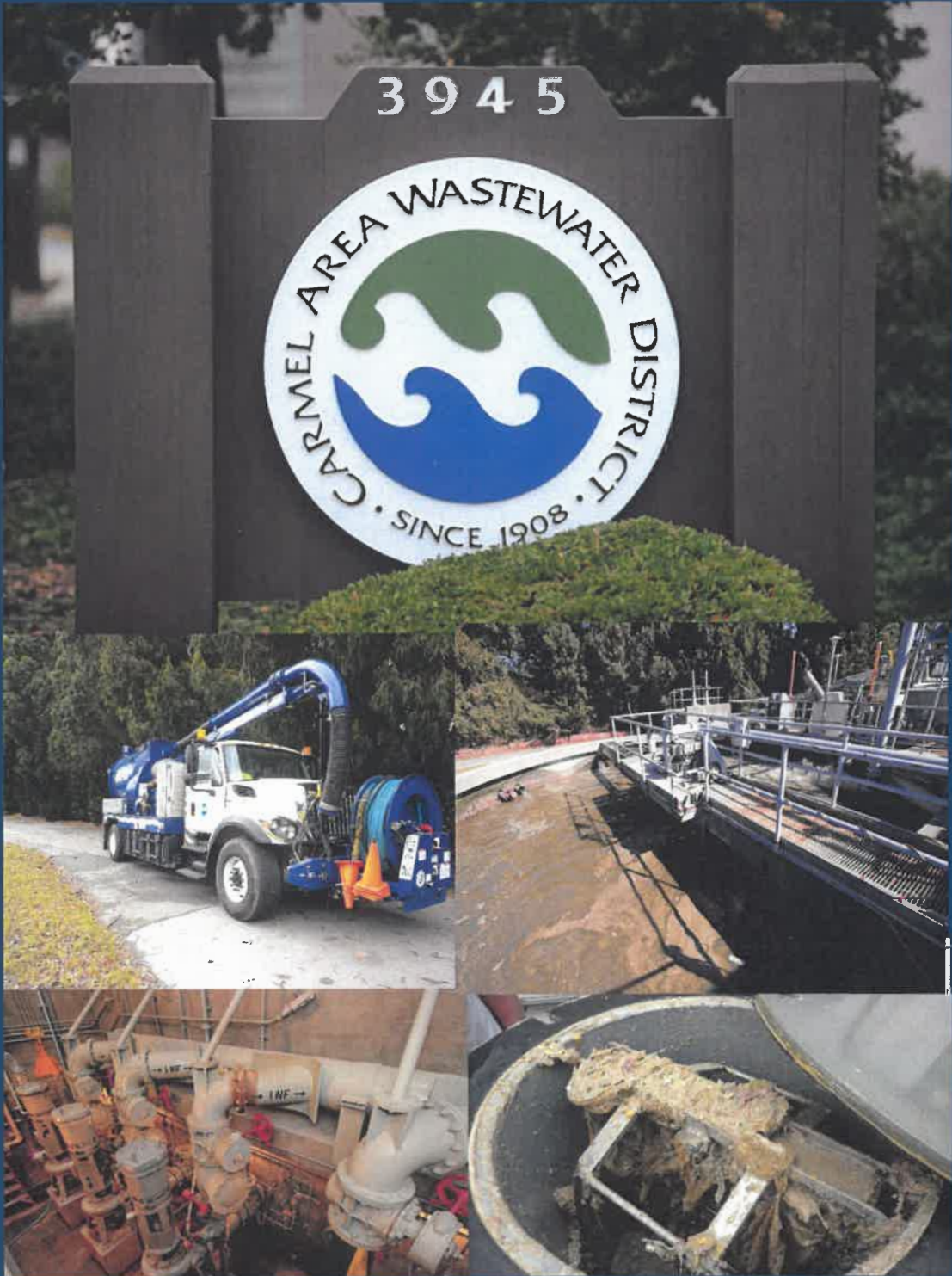


Carmel Area Wastewater District

Final Budget

July 1, 2024 – June 30, 2025



Carmel Area Wastewater District

Budget Acknowledgements

Budget Committee

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Suzanne Cole, Director

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Patrick Treanor, District Engineer

Management Team

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Chris Foley, Maintenance Superintendent

Patrick Treanor, District Engineer

Jeff Bandy, Principal Engineer

Carmel Area Wastewater District 2024-25

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Introduction

Message from the General Manager



Message from the General Manager

June 27, 2024

Honorable President and Members of the Board of Directors:

I believe we embark on the new year with a degree of optimism and an attitude of perseverance. Over this past year I think it is safe to say that we've experienced some success stories and some tough knocks. We've not been accustomed to some of what we've experienced this past year. So what has our response been? We reassess and we get back up and back in the game. I am reminded of a Japanese proverb "Fall seven times, stand up eight." This is the face of success at CAWD, sometimes we must simply stand back up again.

Challenges in front of us

We have multiple challenges in front of us, but there a few that stand out for the next year.

We started rehabilitating the treatment plant back in 2013 with the intention of pivoting to sewer line replacement projects after the plant rehab was substantially complete. We've stuck with this long term strategy and started working on sewer line replacement projects in earnest roughly three years ago. The thought process was to work on the treatment facility first and then pivot to the collection system. We are a relatively small district with a limited staff so this seemed to us to be a reasonable approach. What we did not count on, and certainly we were naïve, is the amount of public comment and disagreement over our proposal. The Carmel Meadows and Pescadero neighborhoods expressed dismay at our proposal to replace infrastructure, and the Corona Road neighborhood not only rejected the assessment bond vote, but they suggested the District was making money on the project! Absolutely not so.

We were even sent back to the drawing board by the Monterey County Planning Commission. They suggested we listen to the neighborhood, even though we had held half a dozen neighborhood meetings. After considering the problem we did the only thing we could . . . stand up again. Focus on what the neighborhood wants. Focus on what is feasible from an engineering standpoint. In effect for Carmel Meadows we've agreed to go back to the drawing board. For Pescadero we are completing a full EIR and we think we've come up with an option that the neighborhood can live

with. For Corona Road, we have decided to walk away, for now. Corona Road voted against connecting to sewer because (short version) the majority did not feel it was necessary and felt the cost was too high. We understand their position and have effectively done a stand down – we respect the vote.

Other significant happenings this past year that impact the budget is that line employees decided to unionize and became members of United Public Employees of California, Local 792, Laborers' International Union of North America (UPEC, LIUNA #792). We're taking the position that this is a positive move – it means that employee bargaining will be considerably more structured. Unions have multiple positive impacts: higher wages and decreased income inequality, reduced wage gaps (i.e. gender and racial/ethnic gaps), employer sponsored benefits, strengthened health and safety, and increased civic engagement and broader community benefits. But we are not blind to the fact that employees generally unionize because they are unhappy with their work conditions. While our data suggests that we meet the median pay for California Sanitation Agencies we acknowledge that we live in a high cost area and it is difficult to cover some costs. Health care in particular is a cost that everyone in Monterey County struggles with.

Budgeting for the Future

The District has managed to increase our total cash in bank. The problem we have is that the County of Monterey pays only short term rates and we are not maximizing our investment. The County has been very clear that we cannot take part of the funds on file out of the County without taking all of it. This would be a hardship because we depend on the property tax rolls for billing purposes. We intend to pursue this issue further by investigating the legal ground for Monterey County's position.

Much of the Collection system is 70+ years old. While the treatment facility may move, the collection system is certainly not going anywhere. Our District Engineer and Collections Superintendent have built a 15 year plan for the collections system – something we have worked on for quite some time. It addresses one of the requirements of River Watch (a condition assessment of all lines) but also serves as a planning tool for a longer horizon. This long term plan will be updated annually, but for the current year the plan represents \$66M in projects. Currently the District is committed to a Pay-as-you-Go. Strategy. We remain committed to rehabilitating and replacing worn out assets and preparing for the future. We acknowledge that we have significant challenges ahead but believe that with early and consistent planning we can manage them.



Hwy 1 Plant Entrance

CAWD's Future

We are well into work on the long term future of the treatment facility. The Coastal Commission granted our permit to complete Phase I and II of work at the Treatment Plant with the qualification that the District would need to be ready to move the plant between 30-40 years from now. We are not completely sure yet what the future looks like, but we have started planning for it now. Any decision on the future of the plant, whether it be moving from its current location or connecting to Monterey 1 Water will require significant analysis of all alternative and public input. Until that time, we think that the current rehabilitation at the plant is a prudent decision. In the next 30-40 years we believe we will need to cycle through one more rehabilitation of the facility, after that point it may be more prudent for the District to operate on a run-to-fail basis. We will not compromise operational effectiveness or risk environmental damages, but if we are moving from our current location then at some point, we need to make the decisions to abandon the current site.

Much of the next twenty-five years will be devoted to analyzing a move away from the coastline. For a small agency the cost will be enormous and require extensive planning. Some may say that we should simply wait, and that money will be available in twenty-five years from the state or the federal government. Perhaps, but we think that may be wishful thinking as grant funding is not guaranteed. If it is available, we will certainly take advantage of it. But if it is not, then we are prudent to plan carefully now.

Here, in brief, is how we are looking at our future using current dollars:

- We must continue to fund annual operations. Currently about \$11.0M per year for operations only. That number will continue to increase each year. The capital budget is a

separate fund and should probably cover \$4-6M annually. Remember that we will need to cover \$66M for the collection system and \$11.6M for the treatment works.

- Whether we move the plant or connect to Monterey 1 Water (M1W) we have done a preliminary cost estimate and believe we will need roughly \$200M. During fiscal year 2022-23 we completed a study on the type of facility we might construct. The report conceptualizes what the new facility might look like and developed new cost estimates. It looked at both a centralized and decentralized approach. We anticipate providing the report to the Sea Level Rise committee the start of fiscal year 2023-24.
- We continue to fund the CalPERS Section 115 with all funds in the most conservative plan. The plan to fund \$100K annually remains unchanged.

- CalPERS Termination liability – in thirty years we do not know what will happen to our employee staff. We can plan for either CAWD to continue at its current location or it may connect to Monterey 1 Water. If it connects to Monterey 1 Water, there is no guarantee that they will transfer all of our employees. If they decline, then we would need to pay CalPERS a Termination liability. Currently estimated at \$12.9M, but we are saying we

should be prepared for \$10M.



Calle la Cruz Pump Station

- If we are a collection only district, connected to Monterey 1 Water and only the collection function remains as CAWD, then we need to leave them a “bank” or reserve of cash so that they can continue to function as an ongoing concern. Once they are setup and functioning, they can manage their future and charge appropriate rates, but it is not reasonable to assume they start at zero. Additionally, they will need a corporate yard – a place to park all the vehicles and store equipment. This cost is estimated at \$10M

Perhaps one of our greatest challenges will be to attract great staff members and also retain them. I am sure everyone has heard the saying “your people are your greatest asset”; well, we agree wholeheartedly. It takes time to train staff in either treatment operations or the collection system. It is to our advantage to keep people because of the investment that we put into them. Beyond that, we want to be the type of organization that trains people and asks them to not simply turn a wrench but to understand the underlying problem they are solving by turning that wrench. In short, we want employees that can think on their feet. We believe it is in the District’s advantage to encourage problem solving and the employee’s advantage to stretch themselves.

Even with this brief list of challenges, it’s clear that the time to start planning is now. The challenges in front of your Board of Directors and wastewater staff are significant and will

potentially change the way we currently operate. There may be new technology in the next thirty years that changes our assumptions listed here – but we have to start planning. We will adjust our assumptions and planning as the path becomes clearer. In fact, I suspect we will make many changes over the next three decades.

As we move forward, we remain committed to ensuring we meet our permit guidelines, remain protective of the public health and environment, and reduce sewer overflows in the most cost effective way possible. We take the District’s Mission Statement seriously and put those goals first. We will continue to provide value to all our customers in a manner that stands up to a comparison with *any* wastewater district in California, as measured by cost, and level of service. During COVID we kept the rates artificially low because we recognized that our ratepayers were likely experiencing financial stressors. However, we need to do all that we can to prepare for moving the treatment facility or connecting with M1W. We know some people are still skeptical of sea level rise. But regardless of their skepticism, the Coastal Commission is

mandating all coastal agencies manage their retreat from the shoreline.



We don't like rate increases. I live in this community along with every member on the Board and I believe we are all sensitive to the impact a rate increase can have on our constituents. But we also recognize that CAWD has been in existence for 115 years and we all want to hand off a well maintained operation to the next generation while doing all that we can to protect the beautiful landscape that we operate in. There can be no question that all of us benefitted from the Clean Water Grant funds that were available so easily in the 1980s. We built a major portion of our facility using those funds – and every ratepayer in our service area has benefitted. Now, as a sign of the times, that type of grant money is much more difficult to find. That means that our only option is to pass the cost to current ratepayers or to take on debt. The Budget Committee has expressed a desire not to saddle the next generation of Carmelites and residents of Carmel Valley and Big Sur with debt until such time as we need to move the facilities due to sea level rise. At that point, the District will likely need to take on significant debt, but we are trying to position ourselves now to minimize the impact. There are significant advantages to all who live and work here in maintaining the investment we have in our treatment facility.

I hope that this summary of the challenges facing the District over the next 30 years points out clearly the need for careful and comprehensive long term planning. The Board of Directors recognizes the impact of rate increases on the community. We also know that without a viable solution to wastewater there really cannot even be a community. That is why we are looking at the long term horizon – we know that we can better control our community's future if we are in a

solid financial position. CAWD will absolutely continue to apply for grant funds, and we likely will take on long term debt at some point; however, having reserves means we have the freedom to make local decisions. We think the ability to make decisions locally is critical.

The 2024-25 budget reflects the realities of the times we operate in, but it also is reflective of the District's goals, both long and short range. Our goals, boiled down to four items in a tightly worded summary statement, as follows:

First, we want to continue to provide our constituents with the best service possible. Government can and should provide superb customer service. Second, the District strives to meet the requirements of our Coastal Development Permit 3-82-199-A8 which allows "...time for the Permittee to plan, develop, consider, and implement a long-term solution to address flooding and related coastal hazard threats to the wastewater treatment plant..." Third, the District strives to complete its long term capital plan (as detailed herein) on a Pay-as-you-go basis. Fourth, and finally, encourage staff to grow and develop to the best of their abilities to meet the future and its challenges.

I would like to thank the Budget Committee for their comments and input at numerous meetings to refine and clarify areas of the budget. My expectation for Fiscal Year 2024-25 is that it will be an extremely busy and productive year for rehabilitating our facility and sewer lines around the district, planning for our future, and providing the quality service our ratepayers and the community rightfully expect. Thank you to the entire Board for its service, support, and guidance.

Sincerely



Barbara Buikema
General Manager



Aerial View of the Facility 2018

Mission Statement

Carmel Area Wastewater District is a special district dedicated to protecting the public health and the environment by the cost-effective collection and treatment of wastewater and the return of clean water to the environment.

Budget in Brief



FY 2022-23

Budget-in-Brief

Our Mission

Carmel Area Wastewater District is a special district dedicated to the protection of the public health and the environment by the cost-effective collection and treatment of wastewater and the return of clean water to the environment.

Who We Are

Formed in 1908, we are one of the oldest sanitary districts in the state. At the time of formation, we provided septage facilities for the village of Carmel-by-the-Sea. Today we have grown to provide collection, treatment, and disposal of wastewater for 11,000 people within the District and treatment and disposal for an additional 4,500 people in Del Monte Forest as provided for by contract with Pebble Beach Community Services District (PBCSD).

The CAWD collection system comprises approximately 84 miles of gravity sewers ranging in diameter from 6 inches to 27 inches together with nearly 5 miles of force mains, 7 pump stations, and over 1,400 manholes. This budget is reflective of our 15-year capital improvement program to replace or rehabilitate the treatment works, pump stations, and pipeline system.



Aerial Drone Photo 2017

The District's revenue base is split 65.6% residential and 34.4% commercial/retail. The community is fully built out and little changes from year-to-year, although we currently are offering services further into Carmel Valley and the Big Sur area in response to the County's more stringent septic system requirements.

**DIGESTER
CONTROL
BUILDING #2 –
MIXING PUMP
(CONSTRUCTION
COMPLETED IN 2017)**



The plant was designed to treat 4.0 million gallons per day (MGD) of primarily domestic wastewater. At the present time the plant has a permitted capacity of 3.0 MGD. Current average dry weather flow is approximately 1.2 MGD, which represents 40% of permitted capacity. PBCSD contributes approximately one third of our influent flow.

The District treats wastewater to nearly drinking water standards. We reclaim nearly 87% of our influent and return it to the Del Monte Forest where it is used to irrigate seven world famous golf courses including Pebble Beach, Poppy Hills, and Spanish Bay. The costs for treating the water for irrigation use are not borne by the District's ratepayers.

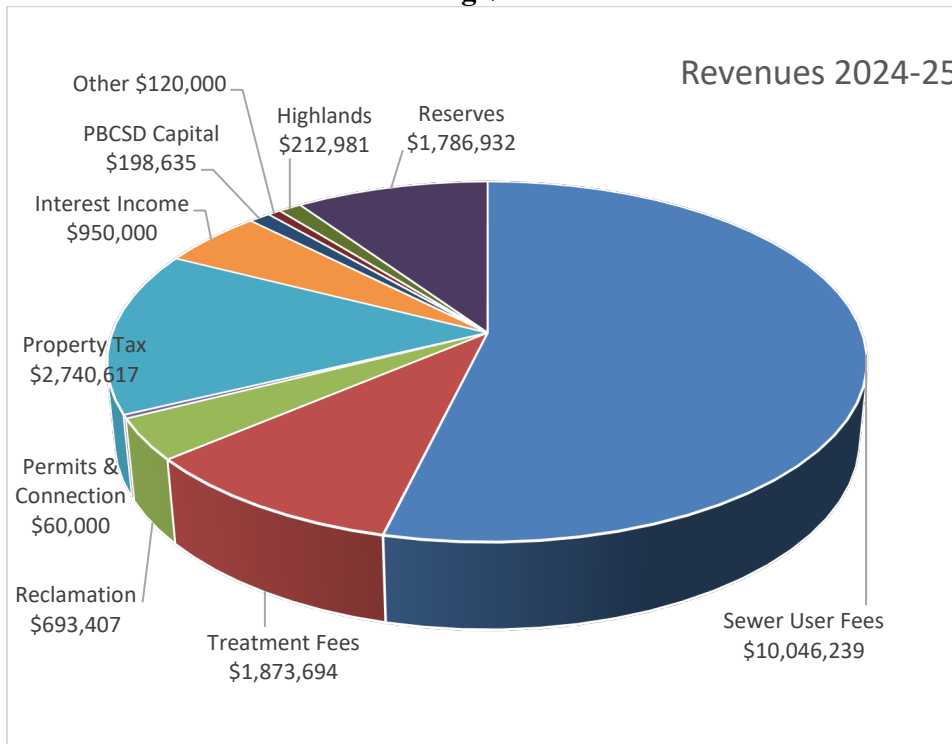
Key Deliverables:

The District's mission is to protect public health and the environment by cost-effectively collecting and treating wastewater and returning clean water to the environment. In District Operations and in our Capital Program, we take our mission seriously and apply it to everything we do. The improvement projects selected by the District were evaluated with a focus on reducing the risk of asset failure while positioning us to achieve our strategic goals. These include:

- Complying with Regulations for current waste discharge permits and positioning for compliance with probable future regulations.
- Protecting the Environment through reliable, efficient, and sustainable treatment of wastewater.
- Reducing Energy Consumption to reduce operating costs and reduce the carbon footprint of the Wastewater Treatment Plant.
- Investing in Safety Practices to reduce the potential for injuries and environmental hazards at the Wastewater Treatment Plant.

- Maintaining Reliability through application of asset preservation and redundancy.
- Supporting the Reclamation Project by reliably supplying secondary treated wastewater to the tertiary microfiltration/reverse-osmosis (MF/RO) plant.
- Enhancing Wastewater Treatment Plant Flood Protection by planning and designing mitigation approaches for flood events.

**How is the District Funded?
FY 2024-25 revenue and financing \$18.6 million**



Projected Budget Revenues 2024-25

The District receives funding from a variety of sources. They include sewer service fees, treatment fees from PBCSD, reimbursement from the Reclamation Project, property tax revenue, interest income, and funds from the participants in the Highlands Bond issuance that cover all debt service.

Wastewater service fees account for approximately 53.8% of total budgeted operating revenues for 2024-25. Additional treatment fees from wastewater coming from PBCSD account for another 10% of operating revenues. This combined total of approximately 63.8% represents total operating revenues from the District’s core function of wastewater treatment. The District also receives revenue from non-operating sources, primarily property tax revenue which is 50% of non-operating revenue or 14.7% of total revenues. Property tax revenue is received only from those parcels that were part of the District Pre-Prop 13. Post Prop 13 all property tax revenues for any parcel annexed into the District belong to the County of Monterey. Additional non-operating revenues include interest income, brine disposal fees, and reimbursement from both PBCSD and the Reclamation Project for their share of capital projects.

This year 9.6% of our revenues will come from Reserves – we are planning over \$5.4M in sewer line rehabilitation in the Collection System and over \$1.0M at the Treatment facility for a variety

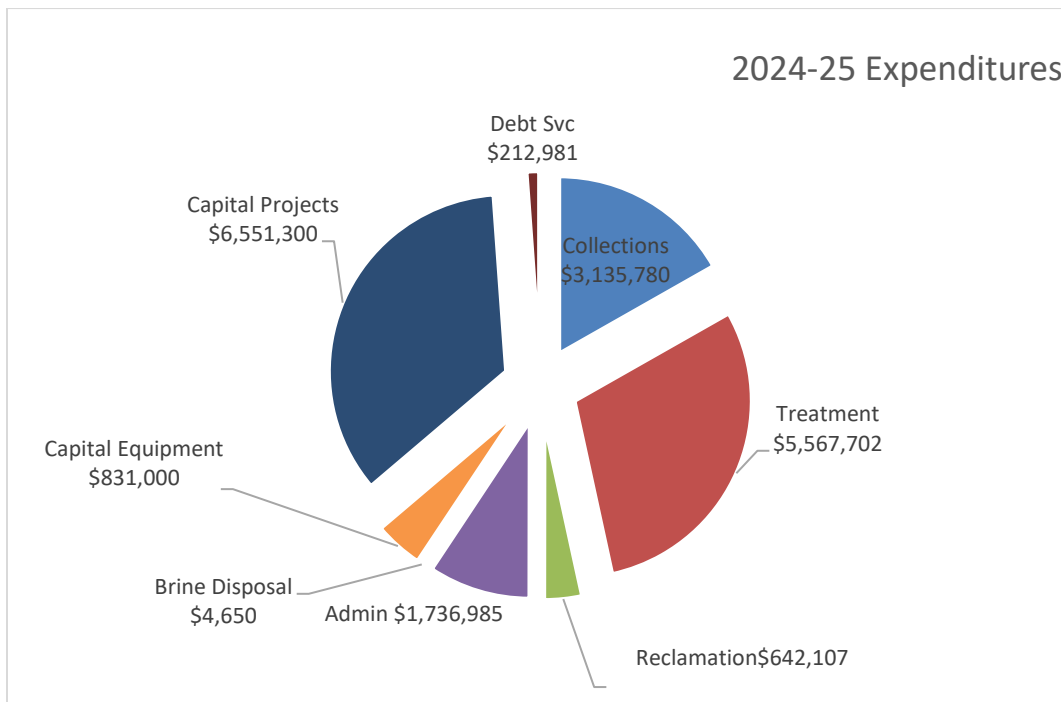
of smaller projects. Total capital projects are \$7.3M, of which \$1.7M will be made by a drawdown on capital reserves.

The District faces significant challenges in its future and is attempting to position itself to manage the outcomes. Rate increases now and into the future are very much considered with these long-term outcomes in mind. Our goals going forward for both the long and short term include:

- Sea Level Rise will affect the location of the treatment facility within the next 30-40 years. As such, the District must decide about its future, specifically, whether to move the facility into Carmel Valley or to connect with Monterey 1 Water (M1W) or some other option. The estimate is well over \$150M for either option. We recognize that even with a combination of loans and grants the District will need to come up with the local match, or 20-25% of that financial requirement.
- If the plant remains at its current location for 30-40 years, we will need to maintain the facility in good working order for the duration of its life span. We are currently estimating \$10.3M in expenditures through 2038. The Collection System, which will remain regardless of the outcome with the treatment facility will require more than \$67M over the next twenty years.
- Given the financial demands the District is facing, we are recommending that the District maintain its “Pay-as-you-Go” philosophy. We believe it will be important to minimize or eliminate debt service going into our commitment to move the treatment plant to enhance the marketing of our bonds.
- If it is determined we need to move into Carmel Valley, the District will need to pay for the land – grants and loans for a land purchase are unlikely. Even if we connect to Monterey One Water (M1W), we will likely need to arrange for land that will serve two pump stations to pump sewage around or over the hill to M1W.
- The District is required by the Coastal Commission to return the existing site of the treatment plant to riparian habitat. We are not sure what the cost will be, but it likely will be significant. The District is in the process of defining the requirements so that an accurate cost estimate can be budgeted.
- The District has opened a Section 115 Trust to start the process of growing a reserve for our CalPERS Unfunded Accrued Liability (UAL) and this trust requires funding. Over the last 15 years we have paid nearly \$1.25M to pay down our UAL. We anticipate that returns over the next fifteen years will be similar and will require we either again pay down or we establish a reserve fund. Every time CalPERS fails to meet its 7% investment target, we know that our UAL grows. We believe the Section 115 is one tool to make sure that we are proactive in anticipating this liability.
- We are also on a path to upgrade the Collection system. Based on a report from West Yost Engineers we believe we need to place roughly \$67M into our Collection system. over the next 20 years. The plan will be methodically implemented on a risk based schedule.

- Finally, moving from the Carmel Lagoon location means we either move the facility into Carmel Valley or we provide for a pipeline and pump stations to the regional treatment plant. Should we take the latter path, we will need to provide a space for the collection system to function along with some administrative functions, and to provide initial funding for reserves
- It is not possible to cost out these demands accurately at this time, but our current working estimate over the next twenty years, exclusive of continued operating and capital costs at our current location, is ~\$60M

What does the FY 2024-25 budget pay for?



Projected Budget Expenditures 2024-25

The District has budgeted 39.5% of its budget for capital projects and equipment. Plant Operations this year comprise 29.8% of our expenditures with 16.8% devoted to Collection System. We are currently operating in an inflationary period and at a time when we are challenged to obtain some supplies due to suppl chain disruptions. This budget reflects a concerted effort to manage spending, but it also recognizes the current economic volatility. Fuel costs, chemical costs, and parts are major consumables in our industry and we continue to face procurement challenges.

We have managed to deliver very low rate increases for the past two fiscal years as we were well aware of the hardship caused to so many. In looking at our largest rate category, residential, we are looking at holding rate increases across all customer categories. Again, this is a reflection of the balance we were attempting for our ratepayers.

District Reserves

As prudent management of our finances dictates, the wastewater district keeps a reserve of money to cover projects and unexpected events. Prior to proceeding with any capital project, the District policy is to ensure that it has all funding available to complete the project.



Clarifiers tanks & DAFT

Wastewater Charges raised to Maintain and Rehabilitate Critical Infrastructure

The District has proposed an increase of 0% in its residential user fees. Residential is the largest category in the District and accounts for 66% of our customer base and roughly 65% of user fee revenues. The rate increases are necessary to undertake the capital upgrades and to help us continue with our strategy of “pay-as-you-go” to fund our improvements. The District is keenly aware of the challenges it faces in meeting both its River Watch commitments and California Coastal Commission permit requirements. We feel that in order to position ourselves to apply for a large borrowing in 2040 we need ensure that our debt burden is minimal, and we have a very strong balance sheet.



MF/RO Structure



Digester Control Building #1 – Spiral Heater and Boiler

CAWD's budget reflects both the current year priorities and a consideration of where the District should be in the next 25 – 30 years. Our plans for plant and collection system rehabilitation and renewal are carefully considered with an eye to providing service to our constituents and ensuring the future of the District.

District Profile



Carmel Area Wastewater District Mission Statement

The Carmel Area Wastewater District is a special district dedicated to the protection of the public health and the environment through the cost effective collection and treatment of wastewater and the return of clean water to the environment.

Beginnings

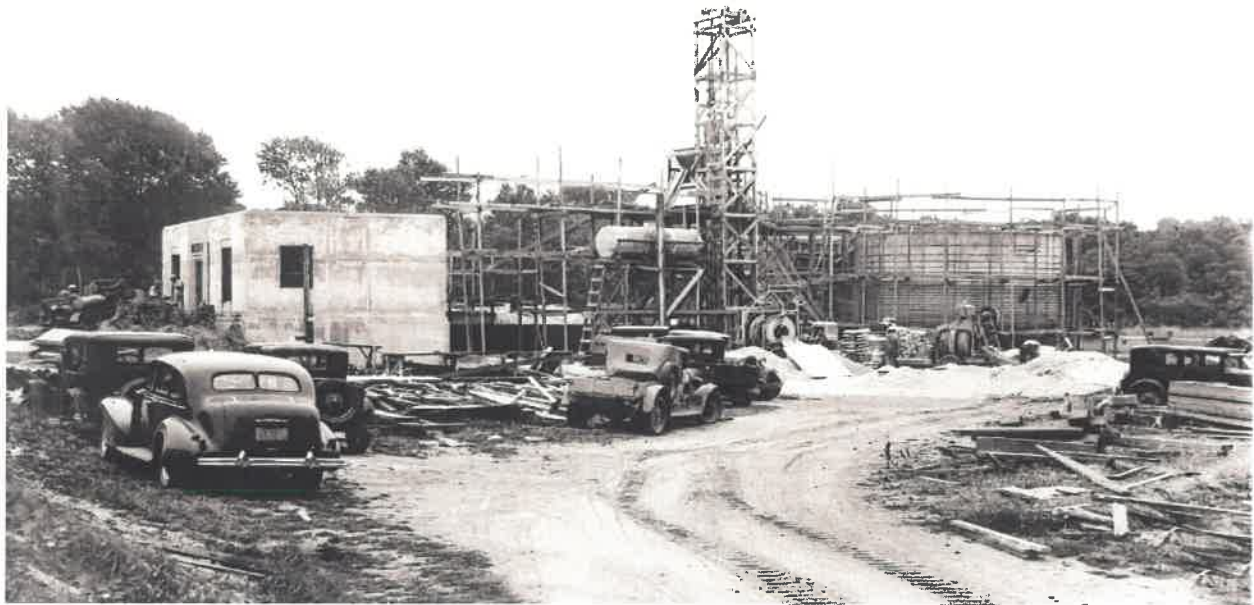
The Carmel Area Wastewater District was formed as the Carmel Sanitary District in 1908. At that time, the District provided septage facilities for the village of Carmel-by-the-Sea.

Over the years the District has grown to where it now provides collection, treatment and disposal of wastewater for 11,000 people within the District and treatment and disposal for an additional 4,500 people in Del Monte Forest.

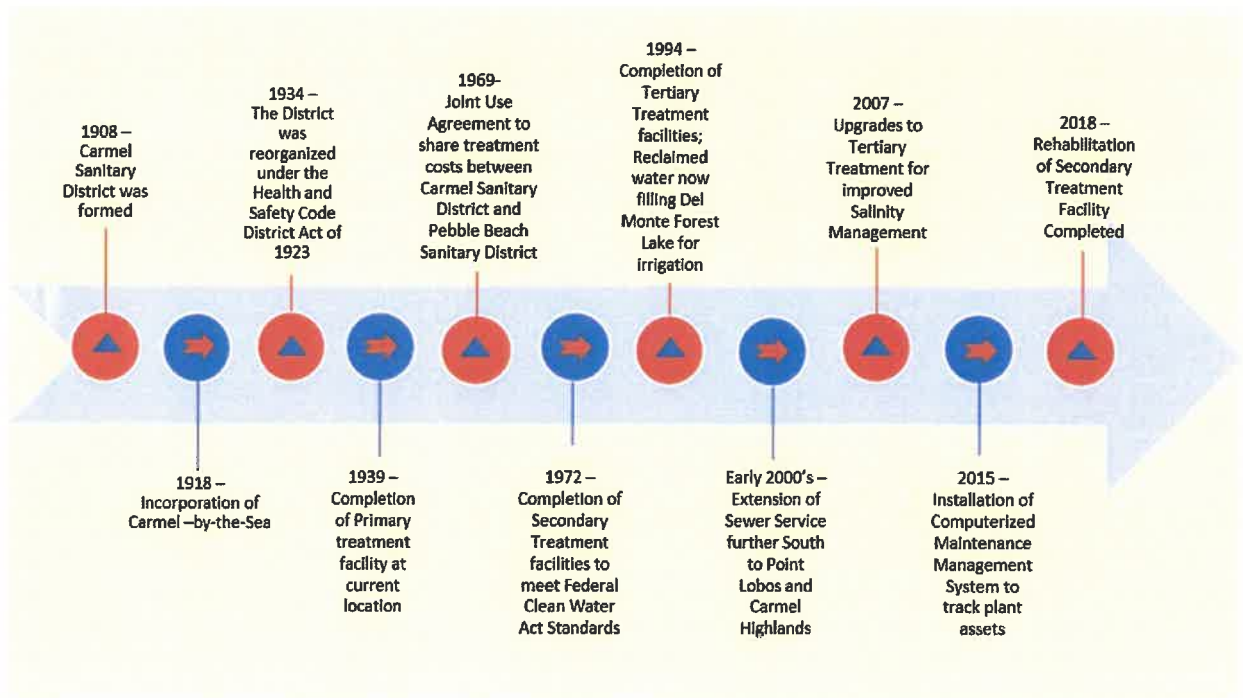
The District treats wastewater from Carmel and surrounding areas providing advanced treatment to almost drinking water standards. Almost all treated wastewater is sent to Del Monte Forest where it is used to irrigate seven world famous golf courses including Pebble Beach, Poppy Hills and Spanish Bay.

The District serves an area bounded by Carmel Bay to the west, Carmel Highlands on the south and Del Monte Forest on the north. Service extends as far east as Quail Meadows and Del Mesa Carmel.

The District also maintains about eighty-three miles of sewers within the existing service area. The treatment plant is located one-half mile west of Highway One and adjacent to the Carmel River.



Carmel Area Wastewater District Timeline



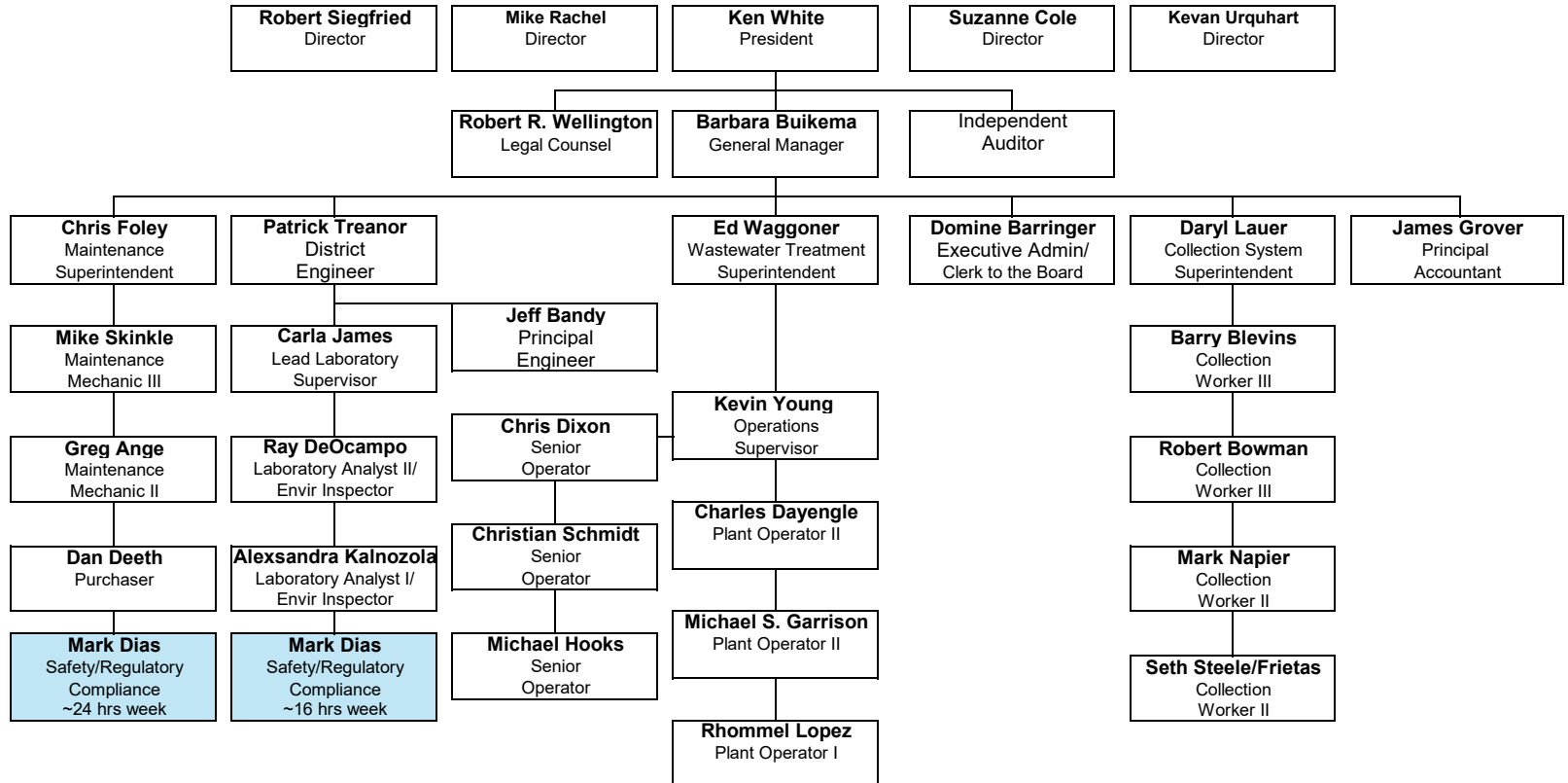


Organizational Chart

CARMEL AREA WASTEWATER DISTRICT

ORGANIZATION CHART

June 2024



Authorized Positions

CAWD Authorized Staff Positions

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
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Administration					
General Manager	1	1	1	1	1
Principal Engineer	1	1	1	1	1
Principal Accountant	1	1	1	1	1
Executive Assistant/Board Clerk	0	0	0	1	1
Admin Assist/Board Clerk (2 x 0.6)	1.2	1.2	1.2	0	0

Maintenance					
Maintenance Superintendent	1	1	1	1	1
Maintenance Mechanic III	1	1	2	2	2
Maintenance Mechanic II	1	1	0	0	0
Safety/Regulatory Compliance Administrator I	1	1	1	1	1
Purchaser/Plant Asset Coordinator	0	0	1	1	1
CMMS-Plant Administrative Coordinator	1	1	0	0	0

Operations					
Operations Superintendent	1	1	1	1	1
Plant Engineer	1	1	1	1	1
Operations Supervisor	1	1	1	1	1
Laboratory Supervisor	1	1	1	1	1
Senior Operator	3	3	3	3	3
Lab Analyst II/Environmental Inspector	1	1	2	2	2
Plant Operator II	3	3	3	3	3
Lab Analyst I/Environmental Inspector	1	1	0	0	0
Plant Operator I	0	0	0	0	0

Collections					
Collections Superintendent	1	1	1	1	1
Collections Worker III	2	2	2	2	2
Collections Worker II	1	1	2	2	2
Collections Worker I	1	1	0	0	1
Collections/Maintenance Utility Worker I	0	1	1	1	0

Total Authorized Staff Positions	26.2	27.2	27.2	27	27
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Department Units

Carmel Area Wastewater District

Departmental Units

Collections Department

Goals: (1) Superior customer service at all times, and (2) zero collection system overflows.

Wastewater Collections is the conveyance of wastewater from a business or residence to the wastewater treatment plant using underground pipes and lift stations. The CAWD collection system is comprised of approximately 81 miles of gravity sewers ranging in size from 6 inches to 27 inches in diameter together with nearly 4 miles of force mains, 7 pump stations, and over 1,500 manholes.

The major trunk sewers include the Carmel Valley Interim Trunk Sewer which serves Rancho Rio Vista, portions of Carmel Views, the Carmel Rancho Shopping Center, Hacienda Carmel, Del Mesa Carmel, Quail Meadows and outlying areas at the mouth of the Carmel Valley; the Hatton Canyon Sewer (which joins the Carmel Valley Trunk sewer at the intersection of State Route 1 and Rio Road) serves the High Meadows, Carmel Knolls and portions of the Carmel Hills subdivisions; two trunk sewers serve the city of Carmel and the Hatton Fields areas. The Carmel Meadows subdivision is sewerred separately.

Pump stations are located at (1) the westerly boundary of Hacienda Carmel, (2) the westerly terminus of 8th Avenue (at Scenic Drive), (3) the intersection of Monte Verde Street and Sixteenth Avenue, (4) west side of Scenic Road approximately 200 feet north of Ocean View Avenue, (5) the end of Calle La Cruz (Carmel Meadows) (6) at the westerly boundary of the Carmel Meadows subdivision approximately 750 feet southwesterly of the Calle La Cruz pump station and (7) on the West side of Highlands Drive approximately 100 yards from Highway 1. All pump stations have been upgraded to allow remote monitoring and have capabilities for standby power and emergency bypass.

The five person collection system maintenance crew cleans the entire system a minimum of once annually and performs routine repair work as necessary.

Treatment & Disposal

Goals: (1) Safe and efficient wastewater treatment operations, and (2) full compliance with all regulatory requirements

The CAWD Water Pollution Control Plant is a secondary type plant utilizing the activated sludge process for secondary treatment. The plant has been designed to treat 4.0 million gallons per day (MGD) of primarily domestic wastewater. At the present time the plant has a permitted capacity of 3.0 MGD.

After secondary treatment the effluent goes through tertiary treatment including coagulation, flocculation, sand filtering, microfiltration and then reverse osmosis (RO). The RO recovery targets are an 80% recovery rate with less than 60 PPM sodium. This reclaimed water is delivered to the Pebble Beach Community Services District (PBCSD) which then distributes the water to the golf courses in the Pebble Beach area. The RO reject water is chlorinated, dechlorinated and then sent to Carmel Bay via an outfall and meets all stringent Federal and State discharge requirements.

Current average dry weather flow (ADWF) is approximately 1.2 MGD which represents 40% of the permitted capacity or 30% of design capacity. Of the 1.2 MGD approximately 0.9 MGD is from CAWD and 0.3 MGD from PBCSD. In the winter, following large storms, the flows can double or triple depending on the size and timing of storms.

Laboratory

Goals: provide testing and analysis for both regulatory and process related tests.

The Award-winning laboratory staff at the Carmel Area Wastewater District is responsible for the sampling, collection, monitoring, analyzing, and reporting of the quality of the wastewater treatment process and the National Pollutant Discharge Elimination (NPDES). Laboratory personnel prepare reports to be submitted to the California Regional Water Quality Control Board, the California Department of Health Services and the U.S. Environmental Protection Agency. Carmel Area Lab personnel work with operational staff in developing process control strategies that aid in improving and streamlining the treatment plant processes.

The Carmel Area Wastewater District Laboratory is accredited through the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP). ELAP provides evaluation and accreditation of environmental testing of laboratories to ensure the quality of analytical data used for regulatory purposes to meet the requirements of the State's Wastewater Programs. Carmel Area Wastewater District ELAP certificate number is 1804 and is renewed every two years.

In addition, Carmel Area Wastewater District is the lead agency for the Central Coast Long Term Environmental Assessment Network (CCLEAN), which is funded by four municipal dischargers and an industrial discharger, under direction from the State of California Central Coast Regional Water Quality Control Board. Based upon a

consensus-building approach, the program is designed to satisfy regulatory requirements, as well as to document the status and trends of important water quality indicators in the Monterey Bay waters.

Maintenance

Goals: (1) provide the best service both to external customers but also internal customers or departments, and (2) maintain infrastructure in the most efficient and cost effect manner.

Our Maintenance Department is responsible for all maintenance – including not only routine maintenance but also critical, emergency, and urgent items. The has done a full 18 degree turn from the year 2000 in that now it does not simply perform maintenance as needed; now it is heavily involved in predictive maintenance. We have grown to the point where we operate a fully functional computerized maintenance management program to monitor the entire plant and the pump stations. Maintenance has also taken on the task of information management (IT) throughout the District and have proven invaluable in moving the District forward on the IT front.

Engineering & Projects

Goals: (1) Customer service with quality engineering and project management, and (2) show and document progress on 15 year long range plans.

Our engineers perform plan checks, issue permits, develop capital improvement project designs, develop cost estimates, implement and manage capital projects, assist the collections and treatment departments, and otherwise perform or contract out all of the engineering functions of the District.

Administration

Goals: (1) Provide excellent customer service to both outside and internal customers, (2) maintains transparency for public, and (3) maintain cost effective and accurate records.

Finally, Administration, which exists solely to provide support to the operations side of CAWD and the board of directors. At CAWD the administration function runs lean with one Executive Assistant/Board Clerk, one Principal Accountant, and one General Manager. Periodically this staff will be supplemented with a temp services contract employee to keep the department up-to-date on scanning. Administration provides support

Fund Structure & Basis of Budgeting

Financial Structure and Policies

Structure

The Carmel Area Wastewater District (the District), organized July 8, 1908, is governed under the provisions of the Sanitary District Act of 1923, Health and Safety Code, Section 6400 et seq., as amended. The function of the District is to provide, operate and maintain sewage collection, treatment, and disposal facilities for the properties included within its boundaries and for certain contracted adjacent properties, and supply reclaimed water to the Monterey Peninsula Water Management District. The District is governed by a five-member Board elected at-large for a four-year term. The District is managed by a General Manager that is hired by the Board of Directors.

The Financial Auditor and Legal Counsel for the District are contracted services and report directly to the Board. All other functions report to the General Manager. The District is organized into five areas – Plant Operations, Collections, Maintenance, Administration, and Engineering Services. The first three are headed by a Superintendent. The fourth, Administration, includes the General Manager's Office, the Board, and Administration.

The District's reporting entity includes all significant operation and revenue sources as determined under the criteria established by the Governmental Accounting Standards Board. Oversight responsibility is determined on the basis of selection of the governing board, designation of management, ability to significantly influence operations, accountability for fiscal matters, and the scope of public service. The District is exempt from federal income and state franchise taxes.

In March 1969, the District entered into an agreement with the Pebble Beach Community Services District (PBCSD) for treatment and disposal of sewage service delivered by PBCSD. It was anticipated that the contract would account for approximately one third of the capacity of the District's treatment plant. PBCSD began delivering sewage to the District in fiscal year 1970-71, and reimburses the District for one third of its operating treatment and disposal expenses plus a portion of general and administrative expenses at an agreed upon annual fee for this service. The agreement has been modified several times over the years, and currently operates under the 1994 amended agreement.

Under the same agreement, PBCSD additionally reimburses the District for one-third the cost of capital assets purchased or constructed for sewage treatment and disposal. Carmel Area Wastewater District maintains sole ownership of the wastewater treatment plant and related capital assets. PBCSD has only a contractual "right to use" one-third

of the sewage treatment plant's capacity under the terms of the most recent modified 1994 agreement and has no rights to ownership of the District's capital assets. Accordingly, capital assets are recorded by the District at 100 percent of their historic cost or contributed value, and any expense reimbursements received from PBCSD or other affiliates are recorded as revenue to the District.

Intact sewage systems constructed by real estate developers are completed at no cost to the District. These systems, when formally accepted by District engineers and the Board of Directors, are recorded as revenue to the District.

Basis of Presentation

The Carmel Area Wastewater District's financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental entities. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The financial transactions of the District are recorded in a Proprietary Fund type.

Proprietary Funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the expenses, including depreciation, of providing goods or services to the general public are recovered through user charges.

Enterprise Funds are used to account for operations (1) that are financed and operated in a manner similar to private business enterprises - where the intent of the governing body is that costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (2) where the governing body has decided that periodic determination of revenue earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes. The District is such an enterprise fund.

The basic financial statements are prepared using the accrual basis of accounting. Accordingly all assets and liabilities (whether current or noncurrent) are included in the statement of net position. The statement of revenue, expenses, and change in net position presents increases (revenue) and decreases (expenses) in total net position. Capital contributions of property and equipment are reported as a separate line item in the statement of revenue, expenses, and change in net position.

Accounts and Records

Records of the District are maintained at its office in Carmel, California. These records include cash receipts and disbursements journals, a general ledger, complete minutes of the Board of Directors meetings, Resolutions, Ordinances and files of supporting documents. Investment funds of the District are on deposit with the Monterey County Treasurer's investment pool.

Budgets and Budgetary Accounting

A budget of projected cash receipts and disbursements is prepared to meet the requirements of the Monterey County Auditor and for internal use by the Board of Directors. The budget is used to provide financial guidance to the District and to determine the amount of funds required from user fees and other sources. The primary difference between the budgetary basis method, and the accounting principles generally accepted in the United States of America (GAAP) method, is depreciation expense and the principal portion of debt service payments.

Basis of Accounting

The District's basis of accounting for budgetary purposes generally conforms with the generally accepted accounting principles (GAAP). Financial statements are presented as an enterprise fund. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs of providing services to the general public on a continuing basis be financed or recovered primarily through user charges.

As the District's financial are accounted for as an enterprise fund, the budget is prepared generally based on the full accrual basis of accounting. Revenues are recognized when earned and costs are recognized when a liability is incurred. In financial reporting depreciation and amortization are included and the repayment of the principal on debt is not reported as expenses. In budgetary reporting, depreciation and amortization are excluded, and the repayments of the principal on debt as expenditures are included.

FINANCIAL PLANNING POLICIES

The District has financial policies that set forth guidelines to maintain accountability and control over operating revenue and expenses, ensure proper appropriation of reserves and restricted funds, and proactively address the rising costs of pension and other post-employment benefits.

The District's Reserve Policy covers all reserve funds of the District. At the end of each fiscal year, compliance with the Reserve Policy will be reported to the District's Board of Directors as part of each Fiscal Year End Financial Report.

- **Capital Improvement Reserve:** This fund is to fund capital projects as planned in the Capital Improvement Program and capital budget. This fund is applied to the Long-Term Financial Plan and Replacement Cost Plan. All connection fees, property taxes and interest income revenue is presently deposited into this fund. Annually an amount equal to current year capital budget is transferred from this fund to the Capital Fund.
- **Compensated Accrual Reserve:** This fund is used to pay the District's accrued vacation liability. District policy allows employees to accrue a maximum of 320 hours vacation time. Vacation accruals are paid to employee upon separation.
- **Defend or Managed Retreat Restricted Reserve:** created in 2017 to address the future needs of the District in response to potential sea level rise issues. The Board determined that the Budget Committee would review annually and make a recommendation as part of the budget process to the full board as to funding.

Resolution 2017-09 refers to a funding goal of \$15M over 15 years.

- **Capital Fund:** Will be drawn down annually to pay for budgeted capital expenditures. It is replenished annually in amount equal to capital budget to meet the next year budgeted capital requirements.
- **O & M Fund:** This fund contains all operating and non-operating revenues not specifically allocable to other funds which may be used for general purposes of the District. All operating and non-operating expenses identified in the budget are financed from this fund.

The policy requires coverage of a minimum of 100% of the total annual operating budget because (a) the District utilizes the property tax rolls to bill for sewer service and is therefore only able to submit rate changes once a year, and (b) covering 100% of the annual operating budget is a conservative position and ensures that should the District need to borrow lenders will look favorably on its operating position.

Budget Development Process

BUDGET DEVELOPMENT PROCESS: Balanced Budget, Basis of Budgeting, Accounting, Development & Administration

The Board approves and adopts a balanced budget prior to the start of the fiscal year beginning July 1. The Board, General Manager, and Agency staff each has their respective Agency, departmental, and programmatic responsibilities to develop a financially responsible budget each fiscal year. Budget development is guided by financial policies and procedures, the strategic business plan, long and short term organizational goals and objectives, the economic climate, and other external factors.

The budget reflects the costs necessary to provide customers with safe and reliable wastewater service for the budget year and the long term and endeavors to keep rate increases low and yet provide for the District's long-term sustainability. The budget allocates resources, is utilized to develop rates and charges that provide adequate revenues to meet its operational needs, and encourages efficiency at every level.

Allocation of resources and strategic decision making does not end once the budget is adopted. Throughout the year each department is responsible for implementing the budget and monitoring performance, responding to unforeseen circumstances, and participating in long-range planning.

Fund Structure: The District is a single enterprise fund agency. This is an accounting system that emphasizes accountability rather than profitability. Enterprise funds provide goods or services to the general public for a fee or user charge, similar to the operation of a commercial enterprise.

Balanced Budget: The Budget is balanced when revenues equal expenditures. When revenues exceed expenditures, surplus funds are transferred into designated reserves in accordance with the District's Reserve Policy. The District's rates and charges are set to ensure that revenues are sufficient to recover the total cash needs in a given fiscal year and meet long-term capital needs.

Cash Basis of Budgeting: The District's annual budget is based on the cash method of accounting. Non-Cash depreciation and amortization expenses are included as line items at the request of the District's financial auditor. The District does not budget for depreciation. Revenues are budgeted according to what is expected to be collected during the budget year, and expenditures are budgeted according to what is expected to be spent during the fiscal year. The cash basis recognizes revenue when cash is received and recognizes expenses when cash is spent.

Accrual Basis of Accounting: The District is an enterprise fund and accounts for all its financial activity utilizing the accrual method of accounting in accordance with all applicable Government Accounting Standards Board (GASB) pronouncements for accounting, and recognizes revenues, expenses, assets, and liabilities in the proper fiscal year (July – June). The accrual method recognizes transactions and events when they occur, regardless of when cash is received or spent. One of the primary differences between the cash basis of budgeting and the accrual basis of accounting is the accrual method matches revenues to expenses which gives a more accurate picture of the District's financial condition.

Budget Appropriation: The District Budget covers all expenditures for any given fiscal year. During the year, the budget can be increased through a budget amendment resolution, approved by a majority of the Board of Directors. There is no legal restriction on the amount or frequency that the budget can be amended. Only the Board of Directors can increase the total allowable operating and capital appropriations. The General Manager is authorized to hire regular employees up to the number approved by the Board of Directors, in accordance with the “Designation of Classification Titles” authorized annually.

Development, Adoption, and Administration: The annual budget development begins with an analysis of the current year budget compared to projected annual expenditures and long-term capital improvement program funding, and serves as the baseline for the upcoming year’s budget. Unanticipated expenses are identified, and revenue and expenditure patterns are analyzed. During the course of budget development each department is responsible for developing their individual budgets for the year and for developing a long term capital plan with coordination from the Principal Engineer/Plant Engineer.

This work forms the basis for the “1st Draft” that is used as the basis for discussion with the Budget Committee (two Board members are selected annually). The General Manager and Budget Committee meet to review options to balance the budget and reach the District’s strategic goals. Concurrently with the Budget Committee, there is a standing Salary/Benefits Committee that meets to discuss the employee negotiations and other personnel related expenditures. Both of these Board Committees work together to prepare and finalize a Preliminary Budget that is presented to the full Board in March of each year.

The Preliminary Budget forms the basis for the rate model that is publicly noticed under Proposition 218 rules to every parcel holder of record in the District. At the Preliminary Budget meeting stakeholders are encouraged to provide input on the budget for consideration. Any direction provided by the Board in March is incorporated into the final proposed budget. If necessary, the Budget Committee will meet again prior to the completion of the final budget which is presented at the June meeting in a publicly noticed meeting to consider its adoption. Once adopted, the budget serves as the revenue collection and spending plan for the fiscal period.

On a monthly basis, during the fiscal year, staff prepares a detailed budget performance report and brief revenue and expenditure analysis. These monthly reports are available for public review and are available on the District web site at <https://www.cawd.org/board-of-directors-meetings>.

Budget Responsibilities

Budget decisions are made through a process that involves the Board of Directors, District staff, and the public. The responsibilities for financial management planning and budget control are as follows:

Board of Directors

- Establish both short and long-term financial goals for the District.
- Develop strategic guideline/policies to guide staff in the development of the operating and long term capital budget priorities.
- Ensure sound budgeting policies are in place.
- Ensure the adequacy of District resources. Review proposed cash flow projections.
- Approve Prop 218 Notice for user fees and charges.
- Participate, as appropriate, in budget committees.
- Monitor and provide budget oversight throughout the fiscal year.

General Manager

- Review and present to the Board of Directors long range plans, budgets and revisions, schedules of rates and charges, and other financial transactions, as necessary.
- Authorize budget transfers of up to 5% of the fiscal years' budget between the operating and capital budget, provided that the total budget remains unchanged.
- Support the development of the Strategic Plan that included projections of short range and long range financial needs, and recommend methods for meeting those needs.
- Develop procedures and controls to monitor and assure compliance with the budget.
- Assist departments throughout the year with their budgets and financial issues.
- Authorize the allocation of budgeted funds from contingency.
- Implement emergency financial procedures within approved limits, when necessary.

Departmental Responsibilities

- Prepare departmental Operations & Maintenance budget requests.
- Prepare current year Capital Improvement Program requests in conjunction with Principal Engineer.
- Prepare and/or update long term capital requests. The District is committed to a 15-year planning horizon for its capital program.
- Monitor financial performance and take prompt corrective action, as needed.
- Monitor key performance indicator and take corrective action, as appropriate.
- Promptly inform the General Manager when unforeseen circumstances indicate that budget amounts may be exceeded or that expected revenues may be less than planned.

Principal Engineer/Plant Engineer

- Work with Collections, Maintenance, and Operations Superintendents to review, monitor, and clarify capital budget requests.
- Prepare and/or update long term capital plan for all departments.
- Maintain the District's commitment to a 15-year planning horizon for its capital program.
- Monitor all capital projects under Engineering purview

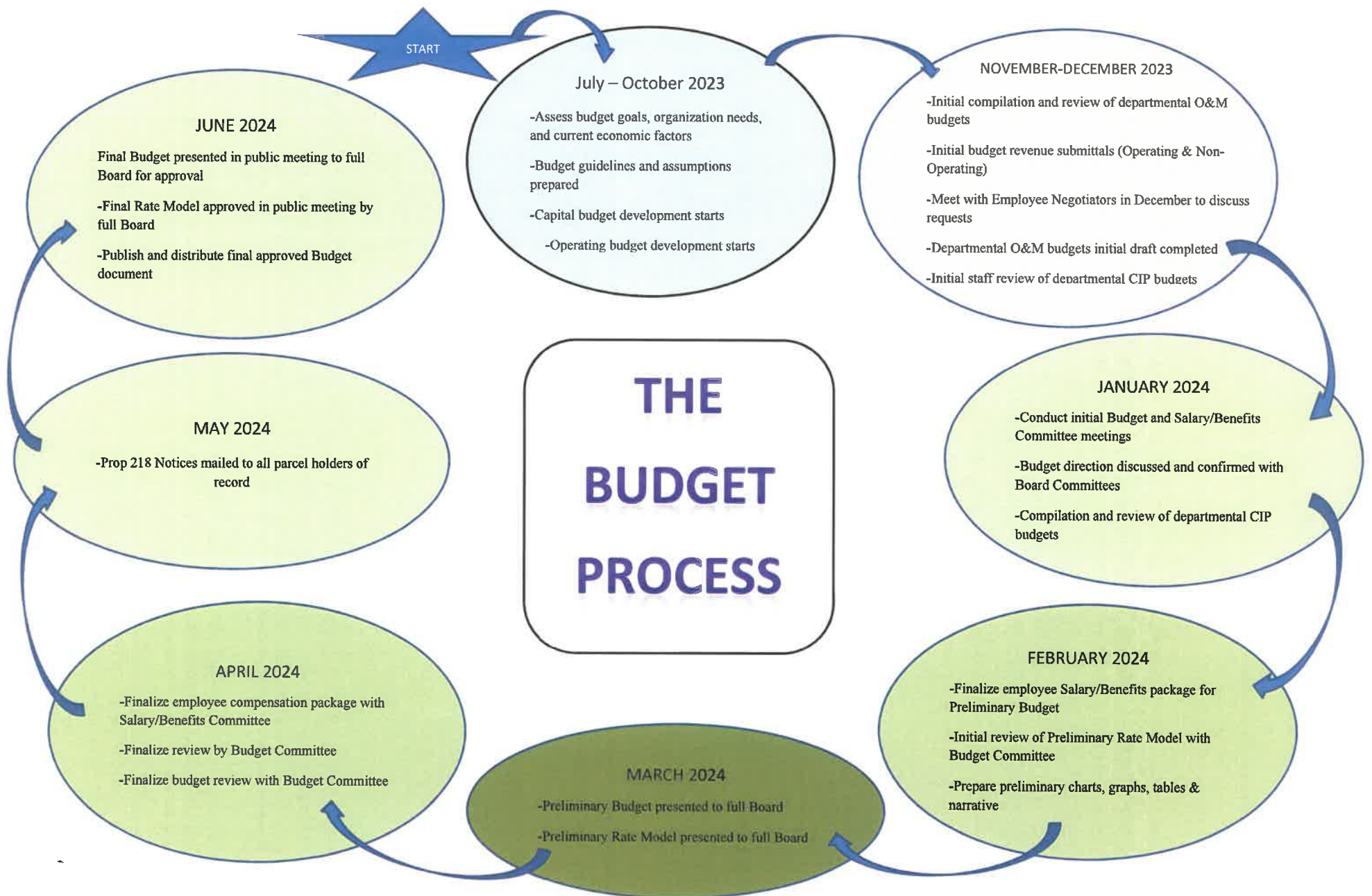
- Promptly inform the General Manager when unforeseen circumstances indicate that budget amounts may be exceeded or that capital/operation planning was incorrect for projects under Engineering purview.

Principal Accountant

- Prepare financial projections, schedule of rates and charges, and other financial materials.
- Produce monthly expenditure and revenue reports.
- Prepare periodic reports on the status of expenditures, revenues, investments and actions taken to ensure the financial stability of the District
- Prepare information on financial trends to facilitate evaluation of the District's financial position and identify conditions requiring management attention.

Budget Calendar

July – Oct	<ul style="list-style-type: none"> -Assess budget goals, organization needs, and current economic factors -Budget guidelines and assumptions prepared -Capital budget development starts -Operating budget development starts
Nov – Dec	<ul style="list-style-type: none"> -Initial compilation and review of departmental O&M budgets -Initial budget revenue submittals (Operating & Non-Operating) -Meet with Employee Negotiators in December to discuss requests -Departmental O&M budgets initial draft completed -Initial staff review of departmental CIP budgets
January	<ul style="list-style-type: none"> -Conduct initial Budget and Salary/Benefits Committee meetings -Budget direction discussed and confirmed with Board Committees -Compilation and review of departmental Capital Improvement Project (CIP) budgets
February	<ul style="list-style-type: none"> -Finalize employee Salary/Benefits package for Preliminary Budget -Initial review of Preliminary Rate Model with Budget Committee -Prepare preliminary charts, graphs, tables & narrative
March	<ul style="list-style-type: none"> -Preliminary Budget presented to full Board -Preliminary Rate Model presented to full Board
April	<ul style="list-style-type: none"> -Finalize employee compensation package with Salary/Benefits Committee -Finalize review by Budget Committee -Finalize budget review with Budget Committee
May	<ul style="list-style-type: none"> -Prop 218 Notices mailed to all parcel holders of record
June	<ul style="list-style-type: none"> -Final Budget presented in public meeting to full Board for approval -Final Rate Model approved in public meeting by full Board -Publish and distribute final approved Budget document
July 1 – June 30	<ul style="list-style-type: none"> -Budget Management & Oversight -Budget amendments increasing the overall fiscal year budget are subject to Board review and approval -Monthly Budget-to-Actual reports included in Board agenda packet -Annual Audited Financial Statement prepared in early Fall and presented to Board in January.



Debt Obligations

Carmel Area Wastewater District

Debt Service

The District has only one outstanding bond issuance.

\$3,000,000 (Local Agency Participation in \$56,880,000 Pool)
 CALIFORNIA STATEWIDE COMMUNITIES DEVELOPMENT AUTHORITY
 (CARMEL AREA WASTEWATER DISTRICT)
 Water and Wastewater Revenue Bonds
 (Pooled Financing Program)
 Series 2004A

Final Payment 10-01-24

CARMEL AREA WASTEWATER DISTRICT Wastewater System Historic Operating Results (Fiscal Year Ended June 30)					
	2019	2020	2021	2022	2023
OPERATING REVENUES					
Sewer Service Fees	\$8,024,240	\$8,557,816	\$8,941,954	\$9,238,187	\$10,542,884
Plant Connection Fees	93,585	44,065	29,379	53,851	75,964
Tax Revenues	2,050,675	2,140,553	2,296,166	2,433,667	2,635,210
Interest Income	602,347	715,611	319,244	247,921	872,599
Other - PBCSD	1,486,410	1,541,642	1,597,608	1,499,575	1,910,374
Other	154,070	170,879	160,281	221,281	196,359
TOTAL OPERATING REVENUES	\$12,411,327	\$13,170,566	\$13,344,632	\$13,694,481	\$16,233,389
TOTAL OPERATING EXPENSES (1)	\$5,481,738	\$6,562,814	\$6,102,036	\$4,875,521	\$9,958,742
SYSTEM NET REVENUES	\$6,929,589	\$6,607,752	\$7,242,596	\$8,818,960	\$6,274,647

DEBT SERVICE ON CSCDA SERIES 2004A	\$215,898	\$218,013	\$219,062	\$218,521	\$212,297
DEBT SERVICE COVERAGE	32.10	30.31	33.06	40.36	29.56

(1) Excludes depreciation, and reclamation.
Source: Carmel Area Wastewater District.

Budget Summary

Carmel Area Wastewater District
Budget Summary
2024-25

Description	FY 22-23 Budget	FY 22-23 Actual Estimate	FY 23-24 Budget	FY 23-24 Est. Actual	Proposed 2024-25 Budget	% Chg. Prior Yr. Actual
Beginning Fund Balance		43,738,500		49,675,193		-100.00%
Operating Revenues - CAWD	11,169,528	12,519,968	12,494,704	11,529,765	11,979,933	3.90%
Operating Revenues - Recl	663,179	766,529	702,907	702,907	642,107	-8.65%
	11,832,707	13,286,497	13,197,611	12,232,672	12,622,040	3.18%
Op Expend. (less deprec.)						
Treatment	4,522,476	3,908,290	4,769,658	3,967,855	5,567,702	40.32%
Administration	1,288,116	1,149,142	1,695,835	1,427,387	1,736,985	21.69%
Collection	2,172,582	1,920,560	2,488,418	1,937,135	3,135,780	61.88%
Brine Disposal	4,438	293	5,938	4,216	4,650	10.29%
Reclamation Project	663,179	719,955	702,907	594,023	642,107	8.09%
Total Operating Exp	8,650,791	7,698,240	9,662,756	7,930,615	11,087,224	39.80%
Operating Gain/(Loss)	3,181,917	5,588,257	3,534,855	4,302,057	1,534,816	-64.32%
(exclusive of depreciation)						
Depreciation Expense	2,669,000	2,926,861	2,669,000	2,936,671	2,936,671	0.00%
Operating Gain/(Loss)	512,917	2,661,396	865,855	1,365,386	(1,401,855)	-202.67%
Non Operating Revenues	4,713,276	5,083,702	4,426,602	4,947,203	4,222,233	-14.65%
Non Operating Reclamation	177,410	833,405	114,521	114,521	51,300	-55.20%
Non Operating Expend.	213,456	213,456	236,881	212,981	212,981	0.00%
Net Income/(Loss)	5,190,147	8,365,047	5,170,097	6,214,129	2,658,697	-57.22%

Carmel Area Wastewater District
Budget Summary
2024-25

Description	FY 22-23 Budget	FY 22-23 Actual Estimate	FY 23-24 Budget	FY 23-24 Est. Actual	Proposed 2024-25 Budget	% Chg. Prior Yr. Actual
Capital Budget						
Equipment Purchases						
Administration	0	11,149	13,500	0	78,000	
Collections	72,500	55,504	241,000	292,319	590,000	101.83%
Treatment	0	48,998	57,000	66,214	163,000	146.17%
Capital Improvement Projects						
Administration	0	0	0	0	0	
Collections	6,430,000	832,917	11,630,090	710,000	5,450,000	667.61%
Treatment Long Term Capital	8,900,750	3,573,242	3,921,500	2,200,000	1,050,000	-52.27%
Reclamation Project	177,410	833,405	114,521	90,000	51,300	-43.00%
Total Capital Budget	15,580,660	5,355,215	15,977,611	3,358,533	7,382,300	119.81%
Ending Fund Balance		49,675,193		55,467,460		-100.00%

Revenues

**Carmel Area Wastewater District
Revenues Budget 2024-25**

Description	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
OPERATING REVENUES						
Sewer service fees - residents	9,941,528	10,542,884	10,561,010	9,587,935	10,046,239	4.8%
Treatment fees - PBCSD	1,160,000	1,910,374	1,873,694	1,895,000	1,873,694	-1.1%
Permits & inspection fees	68,000	66,710	60,000	46,830	60,000	28.1%
Reclamation Proj O & M reimbursement	663,179	766,529	702,907	702,907	642,107	-8.6%
<i>Total Operating</i>	11,832,707	13,286,497	13,197,611	12,232,672	12,622,040	-7.9%
NON OPERATING REVENUES						
Property tax revenue	2,376,600	2,635,210	2,600,000	2,726,532	2,740,617	0.5%
Interest Income	300,000	889,516	300,000	784,323	950,000	21.1%
Brine disposal	80,000	63,897	83,510	87,308	65,000	-25.6%
Highlands Inn assessment revenue	213,456	213,456	236,881	213,480	212,981	-0.2%
Reimbursement from PBCSD for 1/3 secondary treatment plant improv.	1,723,220	1,165,585	1,148,011	682,000	198,635	-70.9%
Plant Connection fees	20,000	75,963	48,200	443,560	45,000	-89.9%
Other	0	40,075	10,000	10,000	10,000	0.0%
Reclamation Project reimbursement	177,410	833,405	114,521	114,521	51,300	-55.2%
<i>Total Non Operating</i>	4,890,686	5,917,107	4,541,123	5,061,724	4,273,533	-15.6%
TOTAL REVENUES	16,723,393	19,203,604	17,738,734	17,294,397	16,895,573	-2.3%

Non-Operating Expenses

**Carmel Area Wastewater District
Non-Operating Expenses Budget
2024-25**

Description	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
NON OPERATING EXPENSES						
Debt Service - Principal*	185,000	185,000	195,000	195,000	205,000	5.13%
Debt Service - Interest	25,856	25,856	15,881	15,881	5,381	-66.12%
Bond Fees	2,600	2,600	26,000	2,100	2,600	23.81%
TOTAL	213,456	213,456	236,881	212,981	212,981	0.00%

Note:

* Highlands Bond is charged to project participants annually on property tax statements in addition to annual user Highlands Bond maturity October 1, 2024

Consolidated Operating Expenses – Summary

**Carmel Area Wastewater District
Summary Departmental Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
Salaries							
<i>Total Salaries</i>		3,041,725	2,832,885	3,000,934	3,167,807	3,880,855	22.5%
Payroll Taxes							
<i>Total Payroll Taxes</i>		232,692	237,812	265,538	242,337	296,847	22.5%
Employee Benefits:							
<i>Total Employee Benefits</i>		944,619	1,006,995	1,216,490	1,019,727	1,206,575	18.3%
Directors Fees							
<i>Total Directors Fees</i>		33,200	25,011	33,000	31,542	32,700	3.7%
Trucks & Autos							
<i>Total Trucks & Autos</i>		72,910	59,775	284,281	90,948	72,970	-19.8%
Property/Liability							
<i>Total Insurance</i>		184,234	206,631	225,100	260,410	273,483	5.0%
Audit/Financial Expense							
<i>Audit/Financial Expense</i>	5490	22,550	35,700	29,140	28,423	29,140	2.5%
Engineering Fees							
<i>Total Engineering Fees</i>		401,500	242,623	472,800	241,528	540,000	123.6%
Attorney Fees							
<i>Total Attorney Fees</i>		76,000	65,060	283,000	157,345	285,250	81.3%
Office Supplies & Service							
<i>Total Office Supplies & Svc.</i>		98,400	100,741	156,595	117,134	323,995	176.6%
Operating Supplies							

**Carmel Area Wastewater District
Summary Departmental Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
<i>Total Operating Supplies</i>		458,122	490,588	677,830	595,647	667,179	12.0%
Contractual Services							
<i>Total Contractual Services</i>		871,576	802,405	992,140	822,411	1,361,725	65.6%
Repairs & Maintenance							
<i>Total Repairs & Maint</i>		1,010,315	917,962	1,282,870	505,713	1,365,370	170.0%
Utilities							
<i>Total Utilities</i>		341,921	345,890	369,278	316,739	373,124	17.8%
Telephone							
<i>Total Telephone</i>		40,113	40,607	41,640	42,947	42,400	-1.3%
Travel & Training							
<i>Total Travel & Meetings</i>		52,015	44,732	59,200	54,669	63,950	17.0%
Permitting							
<i>Total Permitting</i>		53,088	38,924	64,700	43,282	59,200	36.8%
Membership/Subscriptions							
<i>Total Membership/Subscrip.</i>		66,860	67,123	78,500	60,492	75,720	25.2%
Safety							
<i>Total Safety Expenses</i>		108,950	91,512	81,320	71,904	96,030	33.6%
Other Expenses							
<i>Total Other Expense</i>		540,000	45,266	48,400	59,611	40,712	-31.7%
CAWD Subtotal		8,650,790	7,698,240	9,662,756	7,930,615	11,087,224	25.5%

**Carmel Area Wastewater District
Summary Departmental Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
Reclamation Project		(663,179)	(719,955)	(702,907)	(594,023)	(642,107)	-2.4%
Final Subtotal		7,987,611	6,978,285	8,959,849	7,336,593	10,445,117	28.4%
Depreciation Expense		2,669,000	2,926,861	2,669,000	2,936,671	2,936,671	-8.8%
Total Operating Expense		10,656,611	9,905,146	11,628,849	10,273,264	13,381,788	17.4%

Consolidated Departmental Expenses – Detail

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
		Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Salaries	5030	2,970,625	2,725,276	2,910,034	3,076,385	3,681,230	19.7%
Salaries - Overtime	5035	36,300	69,417	51,900	50,958	77,500	52.1%
Salaries - Standby	5040	34,800	38,192	39,000	40,464	82,125	103.0%
Internship		0	0	0	0	40,000	
<i>Total Salaries</i>		3,041,725	2,832,885	3,000,934	3,167,807	3,880,855	22.5%
Payroll Taxes	5045	232,692	237,812	265,538	242,337	296,847	22.5%
<i>Total Payroll Taxes</i>		232,692	237,812	265,538	242,337	296,847	22.5%
<i>Employee Benefits:</i>							
Medical Insurance - Premium	5070	404,200	393,656	378,000	397,180	431,864	8.7%
CalPERS retirement	5080	269,071	248,090	304,200	283,395	303,336	7.0%
SAM retirement	5090	0	0	100,000	0	0	
Workers Compensation	5100	112,555	215,235	176,400	198,491	189,317	-4.6%
Life Insurance	5110	2,950	2,948	2,435	2,691	2,890	7.4%
Section 115		0	0	100,000	0	100,000	
PEHP	5120	40,898	39,731	43,100	41,528	41,838	0.7%
Dental Insurance/Claims	5130	34,300	31,926	34,000	31,006	34,108	10.0%
Vision Insurance	5140	8,285	7,238	8,400	7,034	8,090	15.0%
Long Term Disability	5150	20,305	18,764	20,200	17,575	23,885	35.9%
HSA Contributions	5160	42,800	40,206	39,200	33,692	60,212	78.7%
HRA Contributions	5165	0	0	0	0	0	
FSA Contributions	5170	0	0	0	0	0	
Tuition reimbursement	5175	0	0	0	0	0	
Employee Assistance Program	5180	2,820	603	980	1,067	990	-7.2%
Employee Awards	5185	300	100	3,175	536	3,275	510.7%
Annual District picnic	5186	4,625	2,340	4,800	3,562	5,000	40.4%
Employee lunches	5187	0	2,674	500	228	620	172.1%
COBRA	5190	0	0	0	0	0	
Medical Exams	5200	1,510	3,485	1,100	1,741	1,150	-34.0%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
<i>Total Employee Benefits</i>		944,619	1,006,995	1,216,490	1,019,727	1,206,575	18.3%
<i>Directors Fees</i>							
Regular Board Meetings	5230	8,800	7,250	8,800	8,800	8,800	0.0%
PBCSD - Directors fees	5240	1,400	1,450	1,400	1,400	1,400	0.0%
Special Board Meetings	5250	7,600	2,850	6,400	6,400	6,400	0.0%
Committee meetings	5260	2,300	3,750	3,700	3,700	3,700	0.0%
Special District Assoc.	5265	100	0	1,400	1,400	1,400	0.0%
Training & Strategic Planning	5275	3,000	3,084	3,100	3,100	3,100	0.0%
Director's Dental Claims	5280	10,000	6,627	8,200	6,742	7,900	17.2%
<i>Total Directors Fees</i>		33,200	25,011	33,000	31,542	32,700	3.7%
<i>Trucks & Autos</i>							
Gasoline	5310	16,975	7,212	15,000	25,603	16,600	-35.2%
Diesel	5320	29,900	32,629	23,500	11,243	17,500	55.7%
Outside Repair Service	5345	8,110	11,108	210,331	31,419	21,600	-31.3%
Repair Parts	5350	17,925	8,826	35,450	22,682	17,270	-23.9%
<i>Total Trucks & Autos</i>		72,910	59,775	284,281	90,948	72,970	-19.8%
<i>Property/Liability</i>							
Insurance	5480	184,234	206,631	225,100	260,410	273,483	5.0%
<i>Total Insurance</i>		184,234	206,631	225,100	260,410	273,483	5.0%
<i>Audit/Financial Expense</i>		22,550	35,700	29,140	28,423	29,140	2.5%
<i>Engineering Fees</i>							
Consulting Fees	5500	401,500	242,623	472,800	241,528	540,000	123.6%
<i>Total Engineering Fees</i>		401,500	242,623	472,800	241,528	540,000	123.6%
<i>Attorney Fees</i>							
District Counsel	5510	76,000	65,060	283,000	157,345	285,250	81.3%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
<i>Total Attorney Fees</i>		76,000	65,060	283,000	157,345	285,250	81.3%
<i>Office Supplies & Service</i>							
Bank fees	5515	100	0	100	50	100	100.0%
Public Outreach & Promotion	5519	6,500	20,888	58,300	9,583	208,300	2073.7%
Computers & Equip	5540	37,300	45,926	45,500	78,518	52,500	-33.1%
Furnishings & fixtures	5545	6,500	7,001	4,850	4,351	5,650	29.9%
Office Supplies & Service	5570	48,000	16,825	47,845	20,874	47,445	127.3%
Codification	5555	0	10,102	0	3,758	10,000	166.1%
<i>Total Office Supplies & Svc.</i>		98,400	100,741	156,595	117,134	323,995	176.6%
<i>Operating Supplies</i>							
Chemicals	5615	13,000	8,068	14,700	16,079	18,900	17.5%
Phenylarsine oxide	5625	810	367	1,100	653	1,041	59.3%
Sodium bisulfite	5630	86,520	87,127	97,800	90,009	97,740	8.6%
Sodium hypochlorite	5635	109,000	143,774	228,700	263,921	228,690	-13.3%
Ferric chloride	5640	32,900	32,447	64,190	37,910	64,190	69.3%
Polymer	5650	65,000	58,624	80,800	60,645	80,791	33.2%
Acetic Acid	5660	1,100	1,147	3,500	971	3,407	251.0%
Iodine solution	5665	300	132	900	124	891	617.8%
Potassium iodate	5670	1,000	429	1,700	519	1,659	219.6%
Generator Fuel	5675	0	4,257	0	0	0	
Lubricants & Packing	5680	0	0	0	0	0	
Electrical Supplies	5690	0	1,820	0	0	0	
Laboratory	5700	49,092	30,445	43,000	28,250	43,000	52.2%
Paints & Fluids	5710	0	0	0	0	0	
Janitorial	5730	250	322	400	250	400	
Radios & supplies	5745	2,200	864	3,840	938	3,840	309.4%
Welding	5750	0	0	0	0	0	
Tools	5780	12,500	14,364	39,400	11,467	24,900	117.1%
Pumps		0	3,236	0	0	0	

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
		Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
General supplies	5790	75,450	90,033	66,800	83,030	65,730	-20.8%
Source control	5795	9,000	13,134	31,000	881	32,000	3532.1%
<i>Total Operating Supplies</i>		458,122	490,588	677,830	595,647	667,179	12.0%
<i>Contractual Services</i>							
Sludge Haul/Disposal	5820	103,000	112,364	166,500	134,657	166,500	23.6%
Network Administration	5830	183,622	145,123	194,145	205,120	372,745	81.7%
Website Maintenance	5835	4,983	9,950	11,200	11,224	11,200	-0.2%
Laboratory Analysis	5840	57,700	27,456	39,240	23,962	39,240	63.8%
Microturbine/Gas Conditioning Service	5850	100,000	80,193	80,000	43,100	80,000	85.6%
Electrical Service	5855	15,000	10,808	18,000	13,836	16,000	15.6%
Mechanical Service	5856	30,000	3,754	15,000	0	15,000	
HVAC Service	5857	1,500	0	8,000	4,679	8,000	71.0%
Systems Integrator	5858	30,000	35,665	55,000	7,474	53,000	609.1%
Root foaming	5865	67,000	55,941	67,000	64,286	65,000	1.1%
Pump station monitoring	5870	0	3,868	0	0	0	
Collection system capacity monitoring	5875	10,000	30,034	14,000	0	50,000	
Equipment service (carts, lifts, forklift, boile	5859	2,000	2,414	0	0	0	
Alarm Systems	5880	6,200	4,378	10,600	5,002	10,700	113.9%
HR Consulting	5885	74,000	91,736	75,200	104,719	153,685	46.8%
Equipment rental	5890	6,000	7,012	11,000	5,419	10,000	84.5%
Janitorial Service	5900	17,840	17,464	24,000	37,616	34,100	-9.3%
Copier Service	5910	7,328	4,736	6,200	5,636	6,200	10.0%
Actuarial Service	5920	10,000	9,431	10,300	13,084	10,300	-21.3%
Underground Service Alert	5930	3,900	3,363	4,000	6,657	4,500	-32.4%
Laundry	5940	19,700	21,552	27,500	24,076	28,000	16.3%
Payroll Processing	5950	8,000	7,844	9,750	8,014	9,750	21.7%
Data processing - County	5970	28,313	27,577	29,000	28,404	29,000	2.1%
Landscape Maintenance	5980	8,600	11,640	16,400	9,687	16,500	70.3%
Waste Disposal	5990	0	716	1,000	0	1,000	
Grit & Screening Disposal	6000	25,000	24,722	26,775	27,829	26,775	-3.8%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
		Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Pest Control	6010	3,400	3,588	3,500	4,372	5,700	30.4%
Instrumentation Services	6020	17,760	3,796	27,880	4,114	27,880	577.7%
Source Control	6025	0	0	0	0	60,000	
Hoist Certification	6030	2,500	1,600	1,800	0	1,800	
Fuel Tank Filtering & Cleaning	6035	0	0	0	0	0	
Hazardous chemical disposal	6040	1,200	0	1,000	0	1,000	
Outfall Inspection	6045	15,130	0	16,000	12,229	16,000	30.8%
Lagoon Inspection	6046	4,500	0	16,000	12,002	16,000	33.3%
Ocean Monitoring Program	6050	7,400	27,026	6,150	0	6,150	
Plant tree trimming	5982	0	7,500	0	0	0	
Temp Services		0	9,153	0	5,212	10,000	91.8%
<i>Total Contractual Services</i>		871,576	802,405	992,140	822,411	1,361,725	65.6%
<i>Repairs & Maintenance</i>							
General Repairs	6095	22,500	24,088	16,000	18,997	16,000	-15.8%
Easements	6100	60,000	70,642	49,000	40,374	51,000	26.3%
Pump station equipment	6120	50,000	27,022	45,000	76,303	78,000	2.2%
Sewer lines	6130	150,000	170,443	410,000	31,712	410,000	1192.9%
Manholes	6140	362,300	308,839	410,000	138,684	460,000	231.7%
Microturbine R & M/Flare	6160	6,000	5,588	11,000	12,117	11,000	-9.2%
Standby Generators/Switchgear	6200	36,000	33,312	14,500	12,479	22,000	76.3%
Aeration Blowers	6210	60,000	0	11,000	0	11,000	
Instruments	6220	0	7,460	0	12,857	0	-100.0%
Lab Equipment	6240	32,700	38,503	52,240	1,557	52,240	3255.4%
Influent/Headworks/Primary	6250	34,750	27,607	9,300	3,762	9,300	147.2%
Effluent/Outfall	6265	35,000	22,537	19,900	5,805	9,900	70.5%
Disinfection (Hypo/SBS/CDC)	6270	28,000	51,410	68,800	19,933	68,800	245.2%
Dewatering	6280	34,700	26,845	22,800	16,484	22,800	38.3%
Digester/DAFT/Heat Loop	6290	40,000	15,375	5,270	21,467	5,270	-75.5%
Secondary/RAS/WAS	6300	22,000	23,689	10,560	45,057	10,560	-76.6%
Plant Utilities(1PS/3PS/StormPS)	6315	10,000	16,792	12,500	4,779	12,500	161.5%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
		Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Buildings	6320	26,365	47,808	115,000	43,343	115,000	165.3%
<i>Total Repairs & Maint</i>		1,010,315	917,962	1,282,870	505,713	1,365,370	170.0%
Utilities							
Electricity	6352	263,606	255,083	275,978	237,493	277,194	16.7%
Co-Gen Non Energy	6359	4,300	3,086	7,200	2,683	7,200	168.4%
Natural Gas	6360	55,497	61,689	64,800	59,152	65,155	10.1%
Propane	6370	2,200	4,394	2,800	1,539	2,900	88.4%
Water	6380	12,137	19,647	14,300	13,574	16,035	18.1%
Garbage	6385	2,781	816	3,000	1,098	3,440	213.2%
Cable television	6390	1,400	1,174	1,200	1,200	1,200	0.0%
<i>Total Utilities</i>		341,921	345,890	369,278	316,739	373,124	17.8%
Telephone							
Fixed Costs	6392	29,309	33,645	30,740	29,143	31,615	8.5%
Cellular Phones	6393	10,804	6,962	10,900	13,803	10,785	-21.9%
<i>Total Telephone</i>		40,113	40,607	41,640	42,947	42,400	-1.3%
Travel & Training							
Employee Training	6420	28,645	18,114	31,300	44,264	35,400	-20.0%
Conferences	6430	20,170	24,063	24,900	8,890	25,900	191.3%
Business meetings	6440	3,200	2,555	3,000	1,516	2,650	74.9%
<i>Total Travel & Meetings</i>		52,015	44,732	59,200	54,669	63,950	17.0%
Permitting							
Waterboard Permits	6470	33,100	26,203	36,600	28,508	30,100	5.6%
Air Pollution Control Permit	6480	8,188	8,156	10,800	9,812	11,800	20.3%
Environmental Health Permit	6490	1,800	2,177	2,200	2,200	2,200	0.0%
Lab Registration Fees	6510	10,000	2,388	15,100	2,762	15,100	446.7%
<i>Total Permitting</i>		53,088	38,924	64,700	43,282	59,200	36.8%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2024-25**

Description	Acct	FY 22-23 Budget	FY 22-23 Actual	FY 23-24 Budget	FY 23-24 Year End Estimate	FY 24-25 Budget	% Chg. Prior Yr. Actual
<i>Membership/Subscriptions</i>							
LAFCO Admin Fee	6520	23,550	23,550	33,000	24,815	32,000	29.0%
Employee Certification & Memberships	6550	38,760	37,769	39,200	31,581	37,920	20.1%
Subscriptions/Publications	6640	4,550	5,804	6,300	4,096	5,800	41.6%
<i>Total Membership/Subscrip.</i>		66,860	67,123	78,500	60,492	75,720	25.2%
<i>Safety</i>							
Emergency Response Equipment & Service	6735	3,750	18,955	16,550	15,682	17,800	13.5%
PPE & Safety Supplies	6750	25,200	7,231	16,820	17,552	25,470	45.1%
Safety Training & Policies	6760	80,000	65,326	47,950	38,670	52,760	36.4%
<i>Total Safety Expenses</i>		108,950	91,512	81,320	71,904	96,030	33.6%
<i>Other Expenses</i>							
Rate Payer Claims	8930	2,500	840	4,200	0	0	
CAWD Newsletter	8940	36,000	32,343	38,000	37,800	39,312	4.0%
Recruitment	8910	0	11,201	5,000	21,025	0	-100.0%
Legal notices	8920	1,500	882	1,200	786	1,400	78.1%
Contingency	8980	500,000	0	0	0	0	
<i>Total Other Expense</i>		540,000	45,266	48,400	59,611	40,712	-31.7%
CAWD Subtotal		8,650,790	7,698,240	9,662,756	7,930,615	11,087,224	25.5%
Reclamation Project		(663,179)	(719,955)	(702,907)	(594,023)	(642,107)	-2.4%
Final Subtotal		7,987,611	6,978,285	8,959,849	7,336,593	10,445,117	28.4%
Depreciation Expense		2,669,000	2,926,861	2,669,000	2,936,671	2,936,671	-8.8%
Total Operating Expense		10,656,611	9,905,146	11,628,849	10,273,264	13,381,788	17.4%

O & M Budget Collections Dept.

**Collection Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
<i>Salaries</i>							
Salaries	5030.5	620,305	582,677	581,700	727,494	800,316	10.0%
Salaries - Overtime	5035.5	15,000	38,172	21,000	20,786	25,000	20.3%
Salaries - Standby	5040.5	17,400	19,598	21,000	21,674	27,375	26.3%
Internship Program		0	0	0	0	20,000	
<i>Total Salaries</i>		652,705	640,447	623,700	769,954	872,691	13.3%
<i>Payroll Taxes</i>							
Payroll Taxes	5045.5	46,583	47,529	47,800	58,902	66,761	13.3%
<i>Total Payroll Taxes</i>		46,583	47,529	47,800	58,902	66,761	13.3%
<i>Employee Benefits</i>							
Medical Insurance - Premium	5070.5	96,400	87,803	78,000	89,871	86,761	-3.5%
CalPERS retirement	5080.5	48,027	51,290	55,900	54,283	63,731	17.4%
Workers Compensation	5100.5	21,860	43,112	36,300	26,238	28,862	10.0%
Life Insurance	5110.5	605	634	605	660	578	-12.5%
PEHP	5120.5	7,099	6,915	7,500	7,719	8,742	13.2%
Dental Insurance/Claims	5130.5	6,700	4,574	6,000	3,155	4,800	52.1%
Vision Insurance	5140.5	1,565	1,444	1,600	1,462	1,565	7.0%
Long Term Disability	5150.5	3,477	3,527	3,600	3,566	5,075	42.3%
HSA Contributions	5160.5	7,600	7,147	6,800	6,433	14,232	121.2%
Employee Assistance Program	5180.5	700	123	500	217	500	130.2%
Employee Awards	5185.5	300	0	75	129	75	-42.0%
Employee lunches	5187.5	0	606	500	107	500	367.7%
Medical Exams	5200.5	1,300	543	500	140	250	79.0%
<i>Total Employee Benefits</i>		195,633	207,716	197,880	193,980	215,670	11.2%
<i>Trucks & Autos</i>							
Gasoline	5310.5	13,905	6,051	12,000	16,778	13,500	-19.5%
Diesel	5320.5	29,085	30,658	18,900	10,843	12,900	19.0%
Outside Repair Service	5345.5	6,000	10,032	12,640	28,979	19,300	-33.4%
Repair Parts	5350.5	15,000	4,525	15,000	22,258	17,000	-23.6%

**Collection Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
<i>Total Trucks & Autos</i>		63,990	51,265	58,540	78,858	62,700	-20.5%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5480.5	39,752	38,807	39,000	46,974	49,375	5.1%
<i>Total Insurance</i>		39,752	38,807	39,000	46,974	49,375	5.1%
<i>Engineering Fees</i>							
Consulting Fees	5500.5	100,000	0	224,800	164,310	240,000	46.1%
<i>Total Engineering Fees</i>		100,000	0	224,800	164,310	240,000	46.1%
<i>Office Supplies & Service</i>							
Computers & IT Equip	5540.5	5,500	2,789	7,500	19,012	14,500	-23.7%
Furnishings & fixtures	5545.5	800	966	1,000	1,547	1,800	16.4%
Office supplies & Service	5570.5	2,000	415	2,100	1,257	1,700	35.3%
<i>Total Office Supplies & Svc.</i>		8,300	4,170	10,600	21,815	18,000	-17.5%
<i>Operating Supplies</i>							
Chemical Supplies	5710.5	9,500	7,919	11,400	11,609	15,600	34.4%
Janitorial Supplies	5730.5	250	307	400	250	400	60.0%
Tools	5780.5	3,000	3,643	27,500	5,638	13,000	130.6%
General Supplies	5790.5	21,000	33,838	39,000	33,974	38,000	11.8%
<i>Total Operating Supplies</i>		33,750	45,707	78,300	51,471	67,000	30.2%
<i>Contractual Services</i>							
Source Control Inspections	5795.5	0	0	0	0	31,000	
Network Administration	5830.5	50,000	44,458	58,500	50,065	70,600	41.0%
Electrical Service	5855.5	15,000	10,808	18,000	13,836	16,000	15.6%
System Integrator	5858.5	5,000	300	5,000	0	3,000	
Root Foaming	5865.5	67,000	55,941	67,000	64,286	65,000	1.1%
Pump Station Monitoring	5870.5	0	3,868	0	0	0	

**Collection Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Collection System Capacity Monitoring	5875.5	10,000	30,034	14,000	0	50,000	
Alarm Systems	5880.5	0	0	6,000	391	6,100	1458.6%
HR Consulting	5885.5	12,000	13,992	14,800	13,067	14,000	7.1%
Equipment Rental	5890.5	0	1,476	1,000	0	0	
Janitorial	5900.5	0	0	0	0	0	
Underground Service Alert	5930.5	3,900	3,363	4,000	6,657	4,500	-32.4%
Laundry	5940.5	5,500	4,876	5,500	5,372	6,000	11.7%
Waste Disposal	5990.5	0	0	1,000	0	1,000	
Legal	5510	0	197	0	0	0	
Public Outreach	5519	0	5,715	0	0	150,000	
<i>Total Contractual Services</i>		168,400	175,029	194,800	153,675	417,200	171.5%
<i>Repairs & Maintenance</i>							
General Repairs	6095.5	0	1,182	0	3,219	0	-100.0%
Easements Repairs/Clearing	6100.5	60,000	70,642	49,000	40,374	51,000	26.3%
Pump Station Equipment	6120.5	50,000	27,022	45,000	76,303	78,000	2.2%
Sewer Lines	6130.5	150,000	170,443	410,000	31,712	410,000	1192.9%
Standby Generators/Switchgear	6200.5	6,000	18,577	8,500	11,253	16,000	42.2%
Manholes	6140.5	362,300	308,839	410,000	138,684	460,000	231.7%
<i>Total Repairs & Maintenance</i>		628,300	596,706	922,500	301,546	1,015,000	236.6%
<i>Utilities</i>							
8th & Scenic	6343.5	1,200	1,096	1,200	1,210	1,300	7.4%
Bay & Scenic	6344.5	3,100	3,149	3,000	3,298	3,200	-3.0%
Monte Verde & 16th	6345.5	2,150	3,473	3,000	3,097	3,200	3.3%
Calle La Cruz	6346.5	5,500	4,778	4,500	5,452	4,800	-12.0%
Hacienda	6347.5	1,350	1,505	1,378	1,726	1,484	-14.0%
Highlands	6348.5	7,700	8,147	8,200	9,195	7,500	-18.4%
Natural Gas	6360.5	785	1,584	1,000	683	1,100	61.1%
Propane	6370.5	1,200	3,802	1,600	1,000	1,700	70.0%
Water	6380.5	2,200	2,368	2,200	2,103	2,400	14.1%

**Collection Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Garbage	6385.5	2,000	0	2,200	0	2,200	
<i>Total Utilities</i>		27,185	29,902	28,278	27,764	28,884	4.0%
Telephone							
Fixed Costs	6392.5	14,000	12,331	12,000	10,134	12,500	23.3%
Cellular Phones	6393.5	5,000	2,180	5,000	8,117	5,000	-38.4%
<i>Total Telephone</i>		19,000	14,511	17,000	18,252	17,500	-4.1%
Travel & Training							
Employee Training	6420.5	9,500	868	6,000	11,724	10,000	-14.7%
Conferences	6430.5	6,200	8,283	7,000	7,381	8,000	8.4%
Business meetings	6440.5	800	576	600	243	600	146.8%
<i>Total Travel & Training</i>		16,500	9,728	13,600	19,348	18,600	-3.9%
Permitting							
Waterboard Permits	6470.5	3,100	3,453	4,000	4,145	4,300	3.7%
Air Pollution Control Permit	6480.5	3,500	3,950	4,300	3,511	5,300	51.0%
<i>Total Permitting</i>		6,600	7,403	8,300	7,656	9,600	25.4%
Membership/Subscriptions							
Employee Certification & Memberships	6550.5	3,200	3,143	4,800	2,152	3,520	63.6%
Subscriptions/Publications	6640.5	400	863	1,500	381	1,000	162.4%
<i>Total Membership/Subscrip.</i>		3,600	4,006	6,300	2,533	4,520	78.5%
Safety							
Emergency Response Equipment & Service	6735.5	2,050	6,000	3,450	3,041	4,750	56.2%
PPE & Safety Supplies	6750.5	8,000	3,208	5,720	3,307	14,370	334.5%
Safety Training & Policies	6760.5	28,000	38,430	7,850	13,749	12,660	-7.9%
<i>Total Safety</i>		38,050	47,637	17,020	20,097	31,780	58.1%

**Collection Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
<i>Other Expenses</i>							
Recruitment	8910.5	0	0	0	0	0	
Legal notices	8920.5	500	0	0	0	500	
Contingency	8980.5	123,734	0	0	0	0	
<i>Total Other Expenses</i>		124,234	0	0	0	500	
Subtotal Operating Expense		2,172,582	1,920,560	2,488,418	1,937,135	3,135,780	61.9%
Depreciation Expense	8997.5	335,000	447,931	335,000	447,931	447,931	0.0%
Total Operating Expense		2,507,582	2,368,492	2,823,418	2,385,066	3,583,711	50.3%

O & M Budget Treatment & Disposal

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Salaries							
Salaries	5030.6	1,676,810	1,515,342	1,703,750	1,667,020	2,304,372	38.2%
Salaries - Overtime	5035.6	20,000	23,308	21,000	17,644	45,000	155.0%
Salaries-Standby	5040.6	17,400	18,594	18,000	18,790	54,750	191.4%
Internship Program		0	0	0	0	20,000	
<i>Total Salaries</i>		1,714,210	1,557,244	1,742,750	1,703,455	2,424,122	42.3%
Payroll Taxes							
Payroll Taxes	5045.6	134,486	141,437	166,000	130,314	185,445	42.3%
<i>Total Payroll Taxes</i>		134,486	141,437	166,000	130,314	185,445	42.3%
Employee Benefits:							
Medical Insurance - Premium	5070.6	270,800	274,024	267,000	272,466	307,821	13.0%
CalPERS retirement	5080.6	166,436	154,077	189,200	175,275	183,075	4.5%
Workers Compensation	5100.6	66,055	124,470	100,000	126,384	111,375	-11.9%
Life Insurance	5110.6	1,870	1,846	1,280	1,562	1,838	17.6%
PEHP	5120.6	25,099	24,362	26,900	25,634	25,896	1.0%
Dental Insurance/Claims	5130.6	18,800	22,560	18,000	20,091	20,508	2.1%
Vision Insurance	5140.6	5,170	4,439	5,200	4,353	5,170	18.8%
Long Term Disability	5150.6	13,348	12,260	13,400	11,219	15,610	39.1%
HSA Contributions	5160.6	30,200	28,632	28,100	23,200	40,980	76.6%
Employee Assistance Program	5180.6	1,870	391	390	692	400	-42.2%
Employee Awards	5185.6	0	25	2,600	250	2,700	980.0%
Annual District Picnic	5186.6	1,125	0	1,300	0	1,500	
Employee lunches	5187.6	0	2,068	0	121	120	-0.8%
Medical Exams	5200.6	210	2,518	600	793	650	-18.1%
<i>Total Employee Benefits</i>		600,983	651,674	653,970	662,040	717,643	8.4%
Trucks & Autos							
Gasoline	5310.6	2,770	1,031	2,500	8,426	2,500	-70.3%
Diesel	5320.6	815	1,971	4,600	400	4,600	1050.0%
Oil and grease	5330.6	0	0	0	0	800	

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Outside Repair Service	5345.6	1,700	1,076	197,691	2,440	1,500	-38.5%
Repair Parts	5350.6	2,500	4,251	20,250	224	70	-68.8%
<i>Total Trucks & Autos</i>		7,785	8,330	225,041	11,489	9,470	-17.6%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5450.6	119,640	144,487	160,000	188,336	197,753	5.0%
<i>Total Insurance</i>		119,640	144,487	160,000	188,336	197,753	5.0%
<i>Engineering Fees</i>							
Consulting Fees	5500.6	300,000	240,123	238,000	76,852	290,000	277.4%
<i>Total Engineering Fees</i>		300,000	240,123	238,000	76,852	290,000	277.4%
<i>Attorney Fees</i>							
Legal Fees	5510.6	35,000	22,217	18,000	33,121	20,250	-38.9%
<i>Total Attorney Fees</i>		35,000	22,217	18,000	33,121	20,250	-38.9%
<i>Office Supplies & Service</i>							
Computers & IT Equip	5540.6	26,800	36,779	29,300	45,352	29,300	-35.4%
Furnishings & fixtures	5545.6	1,700	4,895	3,850	1,828	3,850	110.7%
Office supplies & Service	5570.6	9,200	5,147	3,845	5,286	3,845	-27.3%
Public Outreach & Promotion		0	13,336	0	0	0	
<i>Total Office Supplies & Service</i>		37,700	60,156	36,995	52,466	36,995	-29.5%
<i>Operating Supplies</i>							
Chemicals	5615.6	3,500	149	3,300	4,471	3,300	-26.2%
Phenylarsine oxide	5625.6	810	367	1,100	653	1,041	59.3%
Sodium bisulfite	5630.6	86,520	87,127	97,800	90,009	97,740	8.6%
Sodium hypochlorite	5635.6	109,000	143,774	228,700	263,921	228,690	-13.3%
Ferric chloride	5640.6	32,900	32,447	64,190	37,910	64,190	69.3%
Polymer	5650.6	65,000	58,624	80,800	60,645	80,791	33.2%
Acetic Acid	5660.6	1,100	1,147	3,500	971	3,407	251.0%

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End	Budget	Prior Yr.
					Estimate		Actual
Iodine solution	5665.6	300	132	900	124	891	617.8%
Potassium iodate	5670.6	1,000	429	1,700	519	1,659	219.6%
Generator fuel & oil	5675.6	0	4,257	0	0	0	
Electrical	5690.6	0	1,820	0	0	0	
Laboratory	5700.6	49,092	30,445	43,000	28,250	43,000	52.2%
Covid Safety		0	14,302	0	0	0	
Janitorial	5730.6	0	15	0	0	0	
Radios & supplies	5745.6	2,200	864	3,840	938	3,840	309.4%
Tools	5780.6	9,500	10,720	11,900	5,829	11,900	104.1%
Pumps		0	3,236	0	0	0	
General Supplies	5790.6	53,200	41,209	26,400	48,853	26,330	-46.1%
Source control	5795.6	9,000	13,134	31,000	881	1,000	13.5%
<i>Total Operating Supplies</i>		423,122	444,197	598,130	543,973	567,779	4.4%
<i>Contractual Services</i>							
Sludge Haul/Disposal	5820.6	103,000	112,364	166,500	134,657	166,500	23.6%
Network Administration	5830.6	100,700	81,147	112,200	132,522	278,700	110.3%
Laboratory Analysis	5840.6	57,700	27,456	39,240	23,962	39,240	63.8%
Electrical Service/Microturbines	5855.6	100,000	80,193	80,000	43,100	80,000	85.6%
Mechanical Services	5856.6	30,000	3,754	15,000	0	15,000	
HVAC Service	5857.6	1,500	0	8,000	4,679	8,000	71.0%
System Integrator	5858.6	25,000	35,365	50,000	7,474	50,000	569.0%
Equipment Service	5859.6	2,000	2,414	0	0	0	
Alarm Systems	5880.6	4,000	2,310	2,500	1,834	2,500	36.3%
HR consulting	5885.6	50,000	43,029	47,000	39,205	46,285	18.1%
Equipment rental	5890.6	6,000	5,536	10,000	5,419	10,000	84.5%
Janitorial Service	5900.6	13,560	13,087	24,000	24,166	24,000	-0.7%
Copier Service	5910.6	3,000	1,145	1,500	1,131	1,500	32.6%
Laundry	5940.6	14,200	16,676	22,000	18,703	22,000	17.6%
Landscape Maintenance	5980.6	6,600	6,720	14,400	6,759	14,400	113.1%
Waste Disposal	5990.6	0	716	0	0	0	

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
					Year End		Prior Yr.
Description	Account	Budget	Actual	Budget	Estimate	Budget	Actual
Grit & Screening Disposal	6000.6	25,000	24,722	26,775	27,829	26,775	-3.8%
Pest Control	6010.6	3,400	3,588	3,500	4,372	5,700	30.4%
Instrumentation Services	6020.6	17,760	3,796	27,880	4,114	27,880	577.7%
Hoist Certification	6030.6	2,500	1,600	1,800	0	1,800	
Hazardous chemical disposal	6040.6	1,200	0	1,000	0	1,000	
Outfall Inspection	6045.6	15,130	0	16,000	12,229	16,000	30.8%
Lagoon inspection	6046.6	4,500	0	16,000	12,002	16,000	33.3%
Ocean Monitoring Program	6050.6	7,400	27,026	6,150	0	6,150	
Plant tree trimming	5982.6	0	7,500	0	0	0	
<i>Total Contractual Services</i>		594,150	500,143	691,445	504,158	859,430	70.5%
<i>Repairs & Maintenance</i>							
General Repairs	6095.6	20,000	22,906	12,000	11,562	12,000	3.8%
Microturbine R & M/Flare	6160.6	6,000	5,588	11,000	12,117	11,000	-9.2%
Standby Generator/Switchgear	6200.6	30,000	14,735	6,000	1,226	6,000	389.5%
Instruments	6220.6	0	7,460	0	12,857	0	-100.0%
Aeration Blowers	6210.6	60,000	0	11,000	0	11,000	
Lab Equipment	6240.6	32,700	38,503	52,240	1,557	52,240	3255.4%
Influent/Headworks/Primary	6250.6	34,750	27,607	9,300	3,762	9,300	147.2%
Effluent/Outfall	6265.6	35,000	22,537	19,900	5,805	9,900	70.5%
Disinfection (Hypo/SBS/CDC)	6270.6	28,000	51,410	68,800	19,933	68,800	245.2%
Dewatering	6280.6	34,700	26,845	22,800	16,484	22,800	38.3%
Digester/DAFT/Heat Loop	6290.6	40,000	15,375	5,270	21,467	5,270	-75.5%
Secondary/RAS/WAS	6300.6	22,000	23,689	10,560	45,057	10,560	-76.6%
Plant Utilities (IPS/3PS/Storm PS)	6315.6	10,000	16,792	12,500	4,779	12,500	161.5%
Buildings	6320.6	25,000	17,210	105,000	29,834	105,000	251.9%
<i>Total Repairs & Maintenance</i>		378,150	290,658	346,370	186,441	336,370	80.4%
<i>Utilities</i>							
Electricity - Secondary	6352.6	236,069	145,972	162,000	122,269	162,000	32.5%
Electricity - Aeration	6353.6	0	70,746	84,000	79,097	84,000	6.2%

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Electricity - Lab Tertiary	6354.6	0	8,511	0	3,559	0	-100.0%
Co-Gen Non-Energy Plant	6359.6	4,300	3,086	7,200	2,683	7,200	168.4%
Natural Gas	6360.6	51,160	55,522	60,000	54,879	60,000	9.3%
Propane	6370.6	1,000	592	1,200	539	1,200	122.4%
Water	6380.6	7,000	14,149	9,000	7,369	9,000	22.1%
Cable television	6390.6	1,400	1,174	1,200	1,200	1,200	0.0%
<i>Total Utilities</i>		300,929	299,752	324,600	271,595	324,600	19.5%
Telephone							
Fixed Costs	6392.6	10,000	15,831	13,140	13,264	13,140	-0.9%
Cellular Phones	6393.6	3,500	2,576	3,600	3,586	3,600	0.4%
<i>Total Telephone</i>		13,500	18,407	16,740	16,850	16,740	-0.7%
Travel & Training							
Employee Training	6420.6	15,145	13,155	21,300	27,621	21,300	-22.9%
Conferences	6430.6	8,970	9,489	12,900	0	12,900	
Business meetings	6440.6	700	220	700	0	700	
<i>Total Travel & Training</i>		24,815	22,864	34,900	27,621	34,900	26.4%
Permitting							
Waterboard Permits	6470.6	30,000	22,750	32,600	24,363	25,800	5.9%
Air Pollution Control Permit	6480.6	4,688	4,206	6,500	6,301	6,500	3.2%
Environmental Health Permit	6490.6	1,800	2,177	2,200	2,200	2,200	0.0%
Lab Registration Fees	6510.6	10,000	2,388	15,100	2,762	15,100	446.7%
<i>Total Permitting</i>		46,488	31,521	56,400	35,626	49,600	39.2%
Membership/Subscriptions							
Employee Certification & Memberships	6550.6	6,200	4,888	7,400	4,183	7,400	76.9%
Subscriptions/Publications	6640.6	3,400	2,736	4,100	3,034	4,100	35.1%
<i>Total Membership/Subscrip.</i>		9,600	7,624	11,500	7,217	11,500	59.3%

**Treatment Dept
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
<i>Safety</i>							
Emergency Response Equipment & Service	6735.6	1,700	12,955	13,100	12,641	13,050	3.2%
PPE & Safety Supplies	6750.6	15,500	3,945	9,700	10,997	9,700	-11.8%
Safety Training & Policies	6760.6	52,000	26,897	40,100	24,921	40,100	60.9%
<i>Total Safety</i>		69,200	43,796	62,900	48,559	62,850	29.4%
<i>Other Expenses</i>							
Recruitment	8910.6	0	11,201	5,000	1,815	0	-100.0%
Legal notices	8920.6	0	156	200	156	200	28.2%
Contingency	8980.6	296,947	0	0	0	0	
<i>Total Other Expense</i>		296,947	11,357	5,200	1,971	200	-89.9%
<i>CAWD Subtotal</i>		5,106,705	4,495,987	5,388,941	4,502,084	6,145,647	36.5%
Reclamation		(584,229)	(587,697)	(619,283)	(534,229)	(577,945)	8.2%
<i>Final Subtotal</i>		4,522,476	3,908,290	4,769,658	3,967,855	5,567,702	40.3%
Depreciation Expense	8997.6	2,300,000	2,454,740	2,300,000	2,454,740	2,454,740	0.0%
Total Operating Expense		6,822,476	6,363,030	7,069,658	6,422,595	8,022,442	24.9%

O & M Budget
Administration Dept.

**Administration
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Salaries							
Salaries	5030.7	672,010	627,121	623,084	681,871	576,042	-15.5%
Salaries - Overtime	5035.7	1,000	7,937	9,600	12,528	7,500	-40.1%
<i>Total Salaries</i>		673,010	635,058	632,684	694,398	583,542	-16.0%
Payroll Taxes							
Payroll Taxes	5045.7	51,485	48,836	51,600	53,121	44,641	-16.0%
<i>Total Payroll Taxes</i>		51,485	48,836	51,600	53,121	44,641	-16.0%
Employee Benefits:							
Medical Insurance - Premium	5070.7	37,000	31,829	33,000	34,843	37,282	7.0%
CalPERS retirement	5080.7	54,608	42,723	59,100	53,838	56,530	5.0%
SAM	5090.7	0	0	100,000	0	0	
Workers Compensation	5100.7	24,640	47,653	40,100	45,869	49,080	7.0%
Life Insurance	5110.7	475	468	550	468	475	1.5%
Section 115		0	0	100,000	0	100,000	
PEHP	5120.7	8,700	8,453	8,700	8,175	7,201	-11.9%
Dental Insurance/Claims	5130.7	8,800	4,793	10,000	7,760	8,800	13.4%
Vision Insurance	5140.7	1,550	1,355	1,600	1,219	1,355	11.2%
Long Term Disability	5150.7	3,480	2,977	3,200	2,790	3,200	14.7%
HSA Contributions	5160.7	5,000	4,427	4,300	4,059	5,000	23.2%
Employee Assistance Program	5180.7	250	89	90	158	90	-43.1%
Employee Awards	5185.7	0	75	500	157	500	218.5%
Annual District Picnic	5186.7	3,500	2,340	3,500	3,562	3,500	-1.7%
Medical Exams	5200.7	0	423	0	809	250	-69.1%
<i>Total Employee Benefits</i>		148,003	147,605	364,640	163,707	273,262	66.9%
Directors Fees							
Regular Board Meetings	5230.7	8,800	7,250	8,800	8,800	8,800	0.0%
PBCSD Director's Fees	5240.7	1,400	1,450	1,400	1,400	1,400	0.0%
Special Board Meetings	5250.7	7,600	2,850	6,400	6,400	6,400	0.0%
Committee Meetings	5260.7	2,300	3,750	3,700	3,700	3,700	0.0%

**Administration
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Special District Assoc	5265.7	100	0	1,400	1,400	1,400	0.0%
Training & Strategic Planning	5275.7	3,000	3,084	3,100	3,100	3,100	0.0%
Director's Dental Claims	5280.7	10,000	6,627	8,200	6,742	7,900	17.2%
<i>Total Directors Fees</i>		33,200	25,011	33,000	31,542	32,700	3.7%
<i>Trucks & Autos</i>							
Gasoline	5310.7	300	130	500	400	600	50.0%
Outside Repair Services	5345.7	410	0	0	0	0	
Repair Parts	5350.7	425	50	200	200	200	0.0%
<i>Total Trucks & Autos</i>		1,135	180	700	600	800	33.3%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5450.7	24,842	23,338	26,100	25,100	26,355	5.0%
<i>Total Insurance</i>		24,842	23,338	26,100	25,100	26,355	5.0%
<i>Audit/Financial Expense</i>							
	5490.7	22,550	35,700	29,140	28,423	29,140	2.5%
<i>Total Audit</i>		22,550	35,700	29,140	28,423	29,140	2.5%
<i>Engineering Fees</i>							
	5500.7	1,500	2,500	10,000	366	10,000	2635.8%
<i>Total Engineering Fees</i>		1,500	2,500	10,000	366	10,000	2635.8%
<i>Attorney Fees</i>							
District Counsel	5510.7	41,000	42,646	265,000	124,224	265,000	113.3%
<i>Total Attorney Fees</i>		41,000	42,646	265,000	124,224	265,000	113.3%
<i>Office Supplies & Service</i>							
Bank Fees	5515.7	100	0	100	50	100	100.0%
Public Outreach & Promotion	5519.7	6,500	1,838	58,300	9,583	58,300	508.4%
Computers & Equipment	5540.7	5,000	6,357	8,700	14,154	8,700	-38.5%
Furnishings & Fixtures	5545.7	4,000	1,140	0	977	0	-100.0%

**Administration
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Office Supplies & Service	5570.7	36,800	11,263	41,900	14,331	41,900	192.4%
Codification	5555.7	0	10,102	0	3,758	10,000	166.1%
<i>Total Office Supplies</i>		52,400	30,700	109,000	42,853	119,000	177.7%
<i>Operating Supplies</i>							
General Supplies	5790.7	1,250	537	1,400	203	1,250	514.4%
<i>Total Operating Supplies</i>		1,250	537	1,400	203	1,250	514.4%
<i>Contractual Services</i>							
Network Administration	5830.7	32,922	19,518	23,445	22,533	23,445	4.0%
Website Maintenance	5835.7	4,983	9,950	11,200	11,224	11,200	-0.2%
Alarm Systems	5880.7	2,200	2,069	2,100	2,776	2,100	-24.3%
HR consulting	5885.7	12,000	34,715	13,400	52,447	93,400	78.1%
Janitorial Service	5900.7	4,280	4,377	0	13,450	10,100	-24.9%
Copier Service	5910.7	4,328	3,591	4,700	4,505	4,700	4.3%
Actuarial Service	5920.7	10,000	9,431	10,300	13,084	10,300	-21.3%
Payroll Processing	5950.7	8,000	7,844	9,750	8,014	9,750	21.7%
Data Processing- County	5970.7	28,313	27,577	29,000	28,404	29,000	2.1%
Landscape Maintenance	5980.7	2,000	4,920	2,000	2,928	2,100	-28.3%
Source Control	6025.7	0	0	0	0	60,000	
Temp Services		0	9,153	0	5,212	10,000	91.8%
<i>Total Contractual Services</i>		109,026	133,145	105,895	164,578	266,095	61.7%
<i>Buildings</i>							
Buildings	6320.7	1,365	30,598	10,000	13,509	10,000	-26.0%
<i>Total Repairs & Maintenance</i>		1,365	30,598	10,000	13,509	10,000	-26.0%
<i>Utilities</i>							
Electricity	6358.7	6,537	7,707	8,700	8,591	9,710	13.0%
Natural Gas	6360.7	3,552	4,583	3,800	3,590	4,055	13.0%
Water	6380.7	2,937	3,130	3,100	4,101	4,635	13.0%

**Administration
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Garbage	6385.7	781	816	800	1,098	1,240	12.9%
<i>Total Utilities</i>		13,807	16,236	16,400	17,381	19,640	13.0%
<i>Telephone</i>							
Fixed Costs	6392.7	5,309	5,483	5,600	5,745	5,975	4.0%
Cellular Phones	6393.7	2,304	2,206	2,300	2,100	2,185	4.0%
<i>Total Telephone</i>		7,613	7,689	7,900	7,845	8,160	4.0%
<i>Travel & Training</i>							
Employee Training	6420.7	4,000	4,091	4,000	4,919	4,100	-16.6%
Conferences	6430.7	5,000	6,290	5,000	1,509	5,000	231.4%
Business meetings	6440.7	1,700	1,759	1,700	1,272	1,350	6.1%
<i>Total Travel & Meetings</i>		10,700	12,140	10,700	7,700	10,450	35.7%
<i>Membership/Subscriptions</i>							
LAFCO Admin Fee	6520.7	23,550	23,550	33,000	24,815	32,000	29.0%
Employee Certification & Memberships	6550.7	29,360	29,739	27,000	25,247	27,000	6.9%
Subscriptions/Publications	6640.7	750	2,204	700	680	700	2.9%
<i>Total Membership/Subscrip.</i>		53,660	55,493	60,700	50,742	59,700	17.7%
<i>Other Expenses</i>							
Recruiting		0	0	0	19,210	0	-100.0%
PPE & Safety Supplies	6750.7	1,700	79	1,400	3,248	1,400	-56.9%
Legal Notices	8920.7	1,000	726	1,000	630	700	11.1%
Rate Payer Claims	8930.7	2,500	840	4,200	0	0	
CAWD Newsletter	8940.7	36,000	32,343	38,000	37,800	39,312	4.0%
Contingency	8980.7	79,319	0	0	0	0	
<i>Total Other Expense</i>		120,519	33,988	44,600	60,888	41,412	-32.0%
<i>CAWD Subtotal</i>		1,367,066	1,281,400	1,779,459	1,487,180	1,801,147	21.1%

**Administration
Budget 2024-25**

		FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
Description	Account	Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Actual
Reclamation		(78,950)	(132,258)	(83,624)	(59,794)	(64,162)	7.3%
<i>Final Subtotal</i>		1,288,116	1,149,142	1,695,835	1,427,387	1,736,985	21.7%
Depreciation Expense	8997.7	34,000	24,189	34,000	34,000	34,000	0.0%
Total Operating Expense		1,322,116	1,173,331	1,729,835	1,461,387	1,770,985	21.2%

O & M Budget Reclamation

**Carmel Area Wastewater District
Reclamation: Operations Budget 2024-25**

Description	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
	Budget	Year End Estimate	Budget	Year End Estimate	Budget	Prior Yr. Budget
Plant Salaries, Benefits & OH						
Plant Superintendent	17,010	17,010	18,031	22,555	24,230	7.4%
Laboratory Supervisor	24,971	24,971	26,469	42,795	45,975	7.4%
Laboratory Technician	70,597	70,597	74,833	33,079	35,535	7.4%
Plant Operators	194,097	194,097	205,743	190,523	204,670	7.4%
Maintenance Supervisor	16,677	16,677	17,678	12,442	13,365	7.4%
Maintenance Mechanics	25,082	25,082	26,587	24,198	25,995	7.4%
Safety Officer	13,361	13,361	14,163	10,787	11,590	7.4%
Differential	18,158	18,158	19,247	17,378	18,670	7.4%
Payroll Taxes, Benefits, & OH	189,976	189,976	201,375	176,879	190,015	7.4%
<i>subtotal</i>	569,929	569,929	604,125	530,636	570,045	7.4%
Administrative Salaries						
General Manager	1,017	1,311	1,078	987	1,060	7.4%
Project Accountant	12,531	11,545	13,283	10,333	11,100	7.4%
Engineering	13,238	33,787	14,032	5,904	6,345	7.5%
Admin. Svcs/Scanner	11,814	22,791	12,523	21,939	23,570	7.4%
Payroll Taxes, Benefits, & OH	19,300	34,717	20,458	19,581	21,037	7.4%
<i>subtotal</i>	57,900	104,151	61,374	58,744	63,112	7.4%
Directors Fees	1,050	850	1,050	1,050	1,050	0.0%
Insurance	20,000	27,257	21,200	0	0	
Operating Supplies/Services	8,500	1,402	9,010	1,152	1,200	4.2%
Contract Services	0	2,260	0	1,111	1,200	8.0%
Repairs & Maintenance	4,300	14,106	4,558	861	5,000	480.5%
Utilities	0	0	0	0	0	
Safety	1,500	0	1,590	469	500	6.5%
Total Reimbursable Reclamation	663,179	719,955	702,907	594,023	642,107	-2.4%

Project Expenditures

Note: CAWD salary adjustment March 2024 = 4.5% and on July 1, 2024 = 2.8%

O & M Budget Brine Disposal

**Carmel Area Wastewater District
Brine Disposal: Operations Budget 2024-25**

Description	Account	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Chg.
		Budget	Actual	Budget	Year End Estimate	Budget	Prior Yr. Budget
<i>Salaries & Payroll Taxes</i>							
Salaries	5030.10	1500	136	1,500	0	500	
Overtime	5035.10	300	0	300	0	0	
Payroll taxes	5045.10	138	11	138	0	0	
<i>subtotal</i>		1,938	147	1,938	0	500	
<i>Operating Supplies</i>							
General supplies	5790.10	0	147	0	0	150	
<i>subtotal</i>		0	147	0	0	150	
<i>Repairs & Maintenance</i>							
General Repairs	6095.10	2500	0	4,000	4,216	4,000	-5%
<i>subtotal</i>		2,500	0	4,000	4,216	4,000	-5%
<i>Lab Services</i>							
Lab Services		0	0	0	0	0	
<i>subtotal</i>		0	0	0	0	0	
Subtotal Operating Expense		4,438	293	5,938	4,216	4,650	10%
Depreciation Expense		0	0	0	0	0	
Total Operating Expense		4,438	293	5,938	4,216	4,650	10%

Detail Worksheets

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.5	COLA for Oct 2023 San Francisco-Oakland-Hayward 2.8%; 35% Engineering				
Overtime	5035.5					
Standby	5040.5	Per MOU \$75/day	day	\$75	365	\$27,375
Internship		Carmel Unified Schools assume \$20/hr				
PR Taxes						
Payroll taxes	5045.5	FICA (6.2%) and Medicare (1.45%)				
Employee Benefits						
	5070.5	Assumes continued 50/50 split between District and Employees				\$63,731
	5100.5	Worker Compensation - experience mod increase .12 to 132				\$28,862
	5130.5	Dental Insurance claims based on 5 year average				\$4,800
Trucks & Autos						
Gasoline	5310.5	Fuel for collections vehicles	Gallons	\$5.00	2700	\$13,500
Diesel	5320.5	Fuel for collections vehicles	Gallons	\$6.00	2800	\$16,800
Outside Repair Service	5345.5	Annual Service of Vaccon- complete this June	Service & Parts	\$3,000.00	1	\$3,000
		Annual Service of Freightliner	Service & Parts	\$3,000.00	1	\$3,000
		Annual Service of Super Product Jetter	Service & Parts	\$4,000.00	1	\$4,000
		Annual Service of Kenworth	Service & Parts	\$4,000.00	1	\$4,000
		Smog (3 vehicles)	each	\$100.00	3	\$300
		Outside repairs of all other trucks	Service & Parts	\$5,000.00	1	\$5,000
					Total	\$19,300
Repair Parts	5350.5	Oil & Filters		\$4,000.00	1	\$4,000
		Tires & Batteries		\$5,000.00	1	\$5,000
		Preventive Maintenance Parts		\$4,000.00	1	\$4,000
		Vehicle Accessories		\$4,000.00	1	\$4,000
					Total	\$17,000
Property/Liability/Auto Insurance						
Insurance	5480.5	Property Insurance	Annual	\$16,013.00		\$0
		General Liability	Annual	\$22,494.00		\$0
		Vehicle	Annual	\$8,628.00		\$0
		Cyber Crime Insurance	Annual	\$2,240.00		\$0
					Total	\$49,375

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Engineering Fees						
Consulting Fees	5500.5	Engineering for emergencies repairs and non-capitalized projects.		\$100,000.00	2	\$200,000
		Geomagnetic Storm study (60/40 w/ Treatment)		\$40,000.00	1	\$40,000
		Item 3				\$0
		Item 4				\$0
					Total	\$240,000
Office Supplies & Service						
Computers & Equip	5540.5	Computer for Collections Office	Each	\$2,500.00	1	\$2,500
		Computer for Superintendent Office	Each	\$2,500.00	1	\$2,500
		Ipad for service calls	Each	\$1,500.00	1	\$1,500
		SCADA Server Upgrade x 2 (split with treatment and reel)	Server	\$4,000.00	2	\$8,000
		Item 5				\$0
		Item 6				\$0
					Total	\$14,500
Furnishings & fixtures	5545.5	Three new office chairs	Each	\$600.00	3	\$1,800
		Item 2		\$0.00	0	\$0
		Item 3		\$0.00	0	\$0
		Item 4		\$0.00	0	\$0
					Total	\$1,800
Office supplies	5570.5	Paper and printer ink	Total	\$1,100.00	1	\$1,100
		Postage and shipping	Total	\$500.00	1	\$500
		Misc office supplies	Total	\$50.00	2	\$100
		Item 4		\$0.00	0	\$0
					Total	\$1,700
Operating Supplies						
Chemical Supplies	5630.5	CN-9 for odor control at Highlands / Calle La Cruz (rec'd odor complaint)	Cost per Pound	\$0.35	44500	\$15,600
Janitorial Supplies	5635.5	Cleaning of Collections Office	Total	\$400.00	1	\$400
Tools	5780.5	Power tools and replacement batteries (cordless tools)	Total	\$2,000.00	1	\$2,000
		Tools for trucks and shop (shovels, MH picks, brooms, ladder)	Total	\$2,000.00	1	\$2,000
		Construction tools (concrete mixer)	Total	\$4,000.00	1	\$4,000
		Drain clearing tool & Equipment (chain flail drain clearing machine)	Total	\$5,000.00	1	\$5,000
		Item 5	Total	\$0.00	0	\$0
		Item 6		\$0.00	0	\$0
					Total	\$13,000
General supplies	5790.5	Sewer cleaning hose		\$6,000.00	2	\$12,000

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
		Nozzles		\$3,000.00	2	\$6,000
		Misc supplies		\$20,000.00	1	\$20,000
		Item 4		\$0.00	0	\$0
		Item 5		\$0.00	0	\$0
		Item 6		\$0.00	0	\$0
					Total	\$38,000
Contractual Services						
Network Administration	5830.5	Fuel Master		\$600.00	1	\$600
		Mobile MMS CMMS Coll to pay 1/2 of \$30K Total bill		\$15,000.00	1	\$15,000
		T4 Vault		\$10,000.00	1	\$10,000
		IT Pipes		\$3,000.00	1	\$3,000
		Green Infrastructure GIS/ Lab to pay \$14,000 / Lab should go away		\$24,000.00	1	\$24,000
		Exceedio		\$16,000.00	1	\$16,000
		Anomoly based detection SCADA		\$2,000.00	1	\$2,000
		Item 8		\$0.00	0	\$0
		Item 9		\$0.00	0	\$0
					Total	\$70,600
Electrical Service	5855.5	Electrical preventative maintenance, corrective maintenance		\$16,000.00	1	\$16,000
System Integrator	5858.5	Software Maintenance and support for Collections SCADA & PLC's/CVM & SR		\$3,000.00	1	\$3,000
Root Foaming	5865.5	Chemical treatment of roots in collection system		\$65,000.00	1	\$65,000
Pump Station Monitoring	5870.5	Moved to cell service #6393.5		\$0.00	0	\$0
Collection System Capacity Monitoring	5875.5	Flow Metering of lines for I & I		\$15,000.00	1	\$15,000
Alarm Systems	5880.5	Mission Alarm System		\$6,100.00	1	\$0
HR Consulting	5885.5	HR consulting for 5.5 employees	annual	\$14,000.00		\$14,000
Equipment Rental	5890.5	Rental Equipment (in case of emergency)		\$0.00	1	\$0
Janitorial	5990.5	Charged via Treatment Plant or Admin		\$0.00	1	\$0
Underground Service Alert	5930.5	USA Locate Service / service area expanded (estimated)	Annual	\$4,500.00	1	\$4,500
Laundry	5940.5	Uniforms	Contract	\$6,000.00	1	\$6,000
Landscaping	5980.5			\$0.00	0	\$0
Waste Disposal	5990.5	Used Oil and Chemicals	Total	\$1,000.00	1	\$1,000
Repairs & Maintenance						
General Repairs	6095.5	Item 1		\$0.00	0	\$0
		Item 2		\$0.00	0	\$0
		Item 3		\$0.00	0	\$0
		Item 4		\$0.00	0	\$0
					Total	\$0
Easements Repairs/Clearing	6160.5	Easements clearing		\$32,000.00	1	\$32,000
		Hatton Canyon rehabilitation		\$14,000.00	1	\$14,000

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
		Cal-Fire clearing		\$5,000.00	1	\$5,000
		Oak tree in Carmel Meadows (tree ID program to be started)		\$17,000.00	1	\$17,000
					Total	\$68,000
Pump Station Equipment & Maintenance	6210.5	Equipment and pumps (2 @ Hacienda \$14K ea)(2 @ Ribera \$12K ea)		\$58,000.00	1	\$58,000
		Preventative Maintenance Supplies, Oil, fittings, Gaskets		\$15,000.00	1	\$15,000
		Instruments		\$5,000.00	1	\$5,000
		Item 2		\$0.00	0	\$0
					Total	\$78,000
Sewer Lines	6220.5	Spot Repair program		\$200,000.00	1	\$200,000
		Emergency repair		\$200,000.00	1	\$200,000
		Sewer line parts		\$10,000.00	1	\$10,000
		Item 4		\$0.00	0	\$0
					Total	\$410,000
Manholes	6240.5	Manhole Lining Project		\$350,000.00	1	\$350,000
		Replacement frame and lids		\$60,000.00	1	\$60,000
		Item 3		\$0.00	0	\$0
		Item 4		\$0.00	0	\$0
					Total	\$410,000
Generators	6250.5	Load testing station generators		\$10,000.00	1	\$10,000
		Preventative maintenance Parts, filters, oil.		\$2,000.00	1	\$2,000
		Repair Parts- Control board, batteries		\$4,000.00	1	\$4,000
		Item 4		\$0.00	0	\$0
					Total	\$16,000
Utilities						
8th & Scenic	6343.5	Includes 13% increase		\$1,200.00	1	\$1,300
Bay & Scenic	6344.5	Includes 13% increase		\$3,000.00	1	\$3,200
Monte Verde & 16th	6345.5	Includes 13% increase		\$3,000.00	1	\$3,200
Calle La Cruz	6346.5	Includes 13% increase		\$4,500.00	1	\$4,800
Hacienda	6347.5	Includes 13% increase		\$1,400.00	1	\$1,484
Highlands	6348.5	Includes 13% increase		\$7,000.00	1	\$7,500
Natural Gas	6360.5	Includes 13% increase		\$1,000.00	1	\$1,100
Propane	6370.5	Includes 13% increase	Tank	\$1,600.00	1	\$1,700
Water	6380.5	Includes 8.75% increase		\$2,200.00	1	\$2,400
Garbage	6385.5	Includes 7% increase		\$2,000.00	1	\$2,200
Telephone						
Fixed Costs	6392.5	AT&T Plant Fiber Optic Internet	Percentage	\$3,500.00	1	\$3,500

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
		ICON VOIP Phones	Percentage	\$1,500.00	1	\$1,500
		Comcast / New Lift station		\$7,500.00	1	\$7,500
				\$0.00	0	\$0
					Total	\$12,500
Cellular Phones	6393.5	Cell Phones, pump station monitoring		\$5,000.00	1	\$5,000
		Item 2		\$0.00	0	\$0
					Total	\$5,000
Travel & Training						
Employee Training	6420.5	Annual SERP Training, PACP certification, Local training		\$10,000.00	1	\$10,000
Conferences	6430.5	CWEA Annual Con X 2 Staff, Tri-State Con X 2 staff, P3S		\$7,000.00	1	\$7,000
Business meetings	6440.5			\$600.00	1	\$600
Permitting						
Regional Water Quality Control Board	6470.5	Annual Permit		\$4,300.00	1	\$4,300
Air Pollution Control Permit	6480.5	Generators/portable equipment, new portable generator and portable pump		\$5,300.00	1	\$5,300
Memberships/Subscriptions						
Employee Certification & Memberships	6550.5	DL Collections Grade 4, Met Tec 1		\$220.00	1	\$220
		BB Collections Grade 4, Met Tec 2, Elect 1		\$220.00	1	\$220
		RB Collections Grade 3, Met Tec 1		\$220.00	1	\$220
		MN Collections Grade 2, Met Tec 1		\$220.00	1	\$220
		AM Collections Grade 1, Met Tec 1		\$220.00	1	\$220
		SS Collections Grade 1, Met Tec 1		\$220.00	1	\$220
		CWEA, WEF, NASCO		\$2,200.00	1	\$2,200
					Total	\$3,520
Subscriptions/Publications	6640.5	MSDS Online	Percentage	\$500.00	1	\$500
		Employee certification books, Water Program material and subscriptions		\$500.00	1	\$500
					Total	\$1,000
Safety						
Emergency Response Equipment & Service	6735.5	Fire Extinguisher Service	Various	\$1,500.00	1	\$1,500
		First Aid Medical Service (see linked notes)	Various	\$1,500.00	1	\$1,500
		Emergency Response- Haz spill/release	Various	\$500.00	1	\$500
		Emergency Response- Rescue	Various	\$500.00	1	\$500
		Disaster Response- Fire, Flood, Earthquake	Various	\$750.00	1	\$750
					Total	\$4,750
PPE & Safety Supplies	6750.5	First Aid Supplies	Various	400.00	1	\$400
		COVID Supplies	Various	1,000.00	1	\$1,000

**Collection Dept Notes
Budget 2024-25**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
		PPE- Hand, Eye, Face, Head, Hearing	Various	1,000.00	1	\$1,000
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)	Various	\$2,500.00	1	\$2,500
		PPE- Boots (6 x \$245)	Pair	\$245.00	6	\$1,470
		PPE- Other/specialized (arc-flash, rescue, etc.)	Various	\$500.00	1	\$500
		Respiratory Program (APRs, cartridges, air meters, cal-gas)	Various	\$500.00	1	\$500
		Electronic arrow board to be mounted on truck	Various	\$7,000.00	1	\$7,000
					Total	\$14,370
Safety Training	6760.5	Policies and procedures	Various	\$0.00	0	\$0
		Safety Weeks Annual- Conf Space Refresh & Rescue	Per Person	\$300.00	6	\$1,800
		Safety Weeks Bi/Triennial- Skid/Backhoe/Manlift	Per Person	\$500.00	1	\$500
		Safety Weeks Bi/Triennial- Forklift	Per Person	\$140.00	6	\$840
		Safety Weeks Bi/Triennial- Hoist/Crane	Per Person	\$200.00	6	\$1,200
		Safety Weeks- First Aid/CPR/AED (biennial)	Per Person	\$0.00	0	\$0
		Safety Weeks- Other (ergonomics, fall awareness)	Varies	\$2,000.00	2	\$4,000
		Safety Weeks- Fit/Hearing Testing	Per Person	\$220.00	6	\$1,320
		New Employee- specific (as needed)	Will vary	\$3,000.00	1	\$3,000
					Total	\$12,660

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.5	COLA for Oct 2023 San Francisco-Oakland-Hayward 2.8%				
Standby	5040.5	Per MOU \$75/day	work hours	\$75	730	\$54,750
Intern Program		Est \$20/hr		\$20	1000	\$20,000
PR Taxes						
Payroll taxes	5045.5	FICA (6.2%) and Medicare (1.45%)		7.65%		\$185,445
Employee Benefits						
	5070.6	Assumes continued 50/50 split between District and Employees				\$307,821
	5100.6	Worker Compensation - experience mod increase .12 to 132		76968		\$111,375
	5130.6	Dental Insurance claims based on 5 year average				\$20,508
Trucks & Autos						
Gasoline	5310.6	Units 9, 16, 20 and Boom Lift	Gallons	\$5.00	500	\$2,500
Diesel	5320.6	Yard Mule, Backhoe, Skid Steer	Gallons	\$5.70	800	\$4,600
Oil & Grease	5330.6	Oil and filters		\$800.00	0	\$800
Outside Repair Service	5346.6	Brakes, Batteries, Lights, tires		\$1,500.00	1	\$1,500
Repair Parts	5350.6	Smog Check (1)		\$70.00	1	\$70
Property/Liability/Auto Insurance						
Insurance	5450.6	General Liability		\$71,575.00	1	\$71,575
		Property Insurance	Vehicle	\$117,295.00	1	\$117,295
		Cyber Crime		\$7,130.00	1	\$7,130
		Vehicle		\$1,691.00	1	\$1,691
					Total	\$197,691
Engineering Fees						
Consulting Fees	5500.6	Sea Level Rise Studies		\$150,000.00	1	\$150,000
		Maintenance Consulting- PM work, O&M Review		\$80,000.00	1	\$80,000
		Internship	hourly	\$20.00	0	\$0
		Geomagnetic Storm study (60/40 w/ Treatment)		\$0.00	0	\$60,000
					Total	\$290,000
Attorney Fees						
Legal Fees	5510.6	District Counsel	per hour	\$225.00	90	\$20,250
				\$0.00	0	\$0
				\$0.00	0	\$0

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
					Total	\$20,250
Office Supplies & Service						\$0
	5540.6	5 Desktop Computers per Exceedio	Computer	\$1,500.00	5	\$7,500
		Monitors	Device	\$200.00	4	\$800
		Ipad replacement: operations CMMS	Device	\$800.00	3	\$2,400
		Ipad replacement: maintenance CMMS	Device	\$800.00	2	\$1,600
		UPS - Server room	unit	\$8,000.00	2	\$16,000
		misc supplies (cords, adapters)	Total	\$1,000.00	1	\$1,000
					Total	\$29,300
Furnishings & fixtures	5545.6	Chairs - add 5 for operations	Each	\$500.00	5	\$2,500
		Chair - Maintenance	Each	\$500.00	1	\$500
		Book shelf - offices	Each	\$425.00	2	\$850
					Total	\$3,850
Office Supplies & Services	5570.6	Copy papers/ink	Each	\$5.78	250	\$1,445
		Postage/Shipping non laboratory	as needed	\$100.00	1	\$100
		General Office Supplies	as needed	\$2,000.00	1	\$2,000
		Printing Forms, business cards, etc	as needed	\$300.00	1	\$300
					Total	\$3,845
Operating Supplies						\$0
Chemicals	5615.6	Potassium Iodide, pH buffer-calibration chemicals	solid/liquid	\$3,300.00	1	\$3,300
Phenylarsine oxide	5625.6	Calibration chemicals	gallon	\$173.50	6	\$1,041
Sodium bisulfite	5630.6	De-chloration chemical	bulk-gallons	\$1.81	54000	\$97,740
Sodium hypochlorite	5635.6	Disinfecting chemical - used year round for both CAWD/Recl	bulk-gallons	\$2.42	94500	\$228,690
Ferric chloride	5640.6	Digester H2S removal	bulk-gallons	\$9.17	7000	\$64,190
Polymer	5650.6	dewatering/DAFT (2290lb/tote)-12 totes/yr	pound	\$2.94	27480	\$80,791
Acetic Acid	5660.6	analyzer chemicals - ordered quarterly	gallons	\$200.42	17	\$3,407
Iodine solution	5665.6	calibration chemicals	gallons	\$59.40	15	\$891
Potassium iodate	5670.6	analyzer chemicals	box (4 X 250ml))	\$276.43	6	\$1,659
Laboratory	5700.6	general supplies Ops- \$7500 & Laboratory increase 7%	misc	\$43,000.00	1	\$43,000
Radios & supplies	5745.6	Motorola replacement handheld radios for plant staff/contract	each	\$960.00	4	\$3,840
Tools	5780.6	Shop hand tools	misc	\$3,000.00	1	\$3,000
		Replacement tool chests for mechanics	misc	\$1,700.00	4	\$6,800
		Operator hand tools	misc	\$1,300.00	1	\$1,300
		Ladder	misc	\$300.00	1	\$300
		Laboratory hand tools		\$500.00	1	\$500
					Total	\$11,900
General supplies	5790.6	Janitorial supplies-brooms, dust pans, ect	misc	\$250.00	1	\$250
		Fittings, hardware, disposable items, paper towels, batteries	misc	\$25,000.00	1	\$25,000
		Plant log books	each	\$44.00	10	\$440

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
		Circular charts	box	\$64.00	10	\$640
Source control	5795.6	General supplies: dye, racks, cart		\$1,000.00	1	\$1,000
					Total	\$26,330
Contractual Services						\$0
Sludge Haul/Disposal	5820.6	Synagro-bio solids cost based on new contract	ton	\$92.46	1800	\$166,500
Network Administration	5830.6	Exceedio Network and Desktop support	Annual	\$82,000.00	1	\$82,000
		Exceedio - Server warranty renewal - 5%	Annual	\$800.00	2	\$1,600
		Easy 2 B Green-Source Control FOG inspection software	Annual	\$14,700.00	1	\$14,700
		LIMS/Silver support (50/50 split)	Annual	\$7,600.00	1	\$7,600
		E-NPDES	Annual	\$2,300.00	1	\$2,300
		UPS Maintenance for Plant	Bi-Annual	\$2,000.00	2	\$4,000
					Total	\$278,700
Laboratory Analysis	5840.6	MBAS	water testing	\$8,500.00	1	\$8,500
		FGL Laboratory-monthly, semi annual, annual-NPDES permit	water testing	\$27,200.00	1	\$27,200
		COVID Testing (CDC sponsored)	Weekly	\$0.00	0	\$0
		Influenza (CDC sponsored)	monthly	\$0.00	0	\$0
		Monkeypox (CDC sponsored)	monthly	\$0.00	0	\$0
		Polio	monthly	\$295.00	12	\$3,540
					Total	\$39,240
Electrical Service	5855.6	Support for electrical PMs and repairs	Total	\$80,000.00	1	\$80,000
Mechanical Services	5856.6	Mechanical contractor 1 week 2 techs	Total	\$15,000.00	1	\$15,000
HVAC Service	5857.6	Annual maintenance	Total	\$8,000.00	1	\$8,000
System Integrator	5858.6	Support for reporting and SCADA process improvements	Total	\$50,000.00	1	\$50,000
Equip Service	5859.6	Forklift, Pallet jacks, Aerial Lift	Total	\$0.00	0	\$0
Alarm System	5880.6	First Alarm	quarterly	\$2,500.00	1	\$2,500
HR consulting	5885.6	Annual HR consulting fees (18 staff)	annual	\$46,285.00	1	\$46,285
Equipment rental	5890.6	Crane and aerial lift rental	as needed	\$10,000.00	1	\$10,000
Janitorial Service	5900.6	Plant Janitorial - new firm assumed duties in 23-24	Monthly	\$2,000.00	12	\$24,000
Copier Service	5910.6	Copier service contract	annual	\$1,500.00	1	\$1,500
Laundry	5940.6	Cintas Uniforms	Total	\$22,000.00	1	\$22,000
Landscape Maintenance	5980.6	Treatment Plant	Total	\$1,200.00	12	\$14,400
Grit & Screening Disposal	6000.6	Grit bin	each disposal-as needed	\$1,785.00	15	\$26,775
Pest Control	6010.6	Plant pest control	annual	\$475.00	12	\$5,700
Instrumentation Services	6020.6	Balance calibration	annually	\$245.00	4	\$980
		Microscope service	annually	\$450.00	2	\$900
		Hach-calibrations	annually	\$1,000.00	1	\$1,000
		Flowmeter calibration/Calibrate fixed gas monitors	annually/quarterly	\$25,000.00	1	\$25,000
					Total	\$27,880
Hoist Certification	6030.6	Annual service/inspection-DW,Inf, CDC, and Blower	annually	\$1,800.00	1	\$1,800

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Hazardous chemical disposal	6040.6	Laboratory disposal-Hach	annually	\$1,000.00	1	\$1,000
Outfall Inspection	6045.6	Annual inspection-per NPDES	annually	\$16,000.00	1	\$16,000
Lagoon inspection	6046.6	Annual inspection	annually	\$16,000.00	1	\$16,000
Ocean Monitoring Program	6050.6	ABC-toxicity	semi-annually	\$6,150.00	1	\$6,150
Plant tree trimming	5982.6	No trimming this fiscal year		\$0.00	0	\$0
Repairs & Maintenance						
General Repairs	6095.6	Support items not specific to single process.	total	\$12,000.00	1	\$12,000
Microturbine R & M/Flare	6160.6	Gas conditioning PM parts	each	\$2,000.00	1	\$2,000
		Gas compressor PM		\$4,000.00	1	\$4,000
		Gas testing	semi-annually	\$0.00	0	\$0
		Micro turbine PM	Each	\$2,500.00	2	\$5,000
					Total	\$11,000
Standby Generator/Switchgear	6200.6	Fuel filtering for standby tank	Each	\$5,000.00	1	\$5,000
		Block heater, repair parts for 750kW	Total	\$1,000.00	1	\$1,000
					Total	\$6,000
Aeration Blowers	6210.6	Blower PM Inspection, Air flow meter calibrations, spare		\$10,000.00	1	\$10,000
		Oil, grease, belts		\$1,000.00	1	\$1,000
					Total	\$11,000
Lab Equipment	6240.6	Stirrer and titrator-Ops CL2 and Deox analyzers calibration equipment	misc	\$3,400.00	2	\$6,800
		Composite sampler-RAS sump	sampler	\$9,900.00	1	\$9,900
		Composite sampler-replacement refrigeration skid	sampler skid	\$3,000.00	1	\$3,000
		TOC P/M (50/50 split)	annual	\$4,955.00	1	\$4,955
		pH probe (50/50)	each	\$500.00	1	\$500
		Misc laboratory repairs	misc	\$3,000.00	1	\$3,000
		TOC compressor (50/50)	each	\$2,800.00	1	\$2,800
		Gallery P/M (50/50)	annual	\$6,685.00	1	\$6,685
		Eaton Battery (50/50 split)	annual	\$5,000.00	1	\$5,000
		Foss P/M (50/50 split)	annual	\$6,100.00	1	\$6,100
		Replacement Balance (Wine Country Balance: www.winerysc	each	\$3,500.00	1	\$3,500
					Total	\$52,240
Influent/Headworks/Primary	6250.6	pH probe replacement	each	\$800.00	1	\$800
		Spare parts for new equipment, Moyno parts	Total	\$2,500.00	1	\$2,500
		Wetwell lights	each	\$1,500.00	2	\$3,000
		HVAC PM	each	\$3,000.00	1	\$3,000
					Total	\$9,300
Effluent/Outfall	6265.6	Analyzer parts-motors/probe/consumables	misc		1	\$0
		Parts for pumps	each		1	\$0
		Level probes, floats	each		1	\$0

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Disinfection (Hypo/SBS/CDC)	6270.6	Dechlor analyzer	each	9,900.00	1	\$9,900
					Total	\$9,900
		Analyzer-replacement probes, flow switch	anually	\$1,800.00	2	\$3,600
		Titrator-analyzer calibration	each	\$26,000.00	1	\$26,000
		Flow Meters	each	\$2,000.00	4	\$8,000
		VFDs	each	\$1,200.00	2	\$2,400
		Encore 700 pumps	each	\$8,000.00	3	\$24,000
Pump PM rebuild kits	each	\$800.00	6	\$4,800		
					Total	\$68,800
Dewatering	6280.6	polymer machine maintenance supplies	as needed	\$1,400.00	2	\$2,800
		Gearbox, valves, pump rebuilds	Total	\$10,000.00	1	\$10,000
		Pump rebuild kits and impeller	Total	\$5,000.00	1	\$5,000
		Replacement Valves	Each	\$2,500.00	2	\$5,000
					Total	\$22,800
Digester/DAFT/Heat Loop	6290.6	Heat exchanger P/M parts	as needed	\$1,600.00	2	\$3,200
		gas test supplies	box	\$138.00	15	\$2,070
		sump pump	each	\$0.00	0	\$0
		Pump Impeller and gaskets	Total	\$0.00	0	\$0
Secondary/RAS/WAS	6300.6	LDO replacement cap	each-annually	\$220.00	8	\$1,760
		LDO sensor replacement	each	\$3,500.00	1	\$3,500
		#3 water hoses	as needed	\$200.00	3	\$600
		SC 4500 controllers	each	\$4,700.00	1	\$4,700
		VFD replacement	each	\$0.00	0	\$0
Plant Utilities (IPS/3PS/Storm PS)	6315.6	Pump rebuild parts	Total	\$2,000.00	1	\$2,000
		Spare 1 water pump	Each	\$8,000.00	1	\$8,000
		Flow meter	Each	\$2,500.00	1	\$2,500
		Item 4		\$0.00	0	\$0
Buildings	6320.6	Roof repair by section	Section	\$15,000.00	5	\$75,000
		Doorlocks, signs, siding repair.	Total	\$5,000.00	1	\$5,000
		Repair breakroom drywall, replace counters and window shade	Total	\$25,000.00	1	\$25,000
				\$0.00	0	\$0
Utilities						
Electricity - Secondary	6352.6	Electrical Secondary	monthly	\$13,500.00	12	\$162,000
Electricity - Aeration	6353.6	Electrical Aeration	monthly	\$7,000.00	12	\$84,000
Electricity - Lab Tertiary	6354.6	Electrical Laboratory (No longer powered from Tertiary meter)	monthly	\$0.00	0	\$0

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Co-Gen Non-Energy Plant	6359.6	Cogen Meter	Monthly	\$600.00	12	\$7,200
Natural Gas	6360.6	Boiler, misc plant heaters	Therms	\$60,000.00	1	\$60,000
Propane	6370.6	Forklift	gallons	\$4.29	258	\$1,200
Water	6380.6	Plant (1 unit per 100 gallons used)	monthly	\$750.00	12	\$9,000
Cable television	6390.6	Direct TV	monthly	\$100.00	12	\$1,200
Telephone						
Fixed Costs	6392.6	AT&T Fiber for the plant	monthly	\$720.00	12	\$8,640
		VOIP	monthly	\$375.00	12	\$4,500
					Total	\$13,140
Cellular Phones	6393.6	AT&T connective service charge	unit	\$300.00	12	\$3,600
		replacement phone-upgrade/replacement	unit	\$0.00	0	\$0
					Total	\$3,600
Travel & Training						
Employee Training	6420.6	OPS and Maintenance-(\$11,000) for supervisor classes	Total	\$21,300.00	1	\$21,300
Conferences	6430.6	OPS and Maintenance	Total	\$12,900.00	1	\$12,900
Business meetings	6440.6	OPS and Maintenance	Total	\$700.00	1	\$700
Permitting						
Waterboard Permits	6470.6	NPDES 22,545 + 5%	annual renewal	\$23,750.00	1	\$23,800
		Storm Water 1,818 + 5%	annual renewal	\$1,950.00	1	\$2,000
					Total	\$25,800
Air Pollution Control Permit	6480.6	MBARD Permit for the Plant and Generators 7% increase	Total	\$6,500.00	1	\$6,500
Environmental Health Permit	6490.6	Chemical Storage County Permit	Total	\$2,200.00	1	\$2,200
Lab Registration Fees	6510.6	ELAP, 3rd party assessor, regulatory compliance all (50/50)	annual renewal	\$15,030.00	1	\$15,100
Memberships/Subscriptions						
Employee Certification & Memberships	6550.6	SWRCB-operators (9)	renewal	\$150.00	9	\$1,350
		WEF (includes CWEA membership)	renewal	\$370.00	1	\$370
		CWEA Membership	annual	\$232.00	16	\$3,712
		Enviromental compliance inspector (1 renew at \$98; 2 new at \$160)	annual	\$160.00	3	\$480
		Operations- Maintenance cert	annual	\$103.00	1	\$103
		Laboratory analyst (2 renew at \$108; 1 new at \$192)	annual	\$136.00	3	\$408
		Advanced Water Treatment Operator (AWTO) exam	as needed	\$185.00	2	\$370
		Advanced Water Treatment Operator (AWTO) certification	annual	\$200.00	3	\$600
					Total	\$7,400

**Treatment Dept
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total	
Subscriptions/Publications	6640.6	MSDS Online (Annual paid each April) Other 50% Reel	Annual	\$3,296.00	1	\$3,296	
		exam study material	Total	\$800.00	1	\$800	
		misc books	Total	\$300.00	1	\$300	
					Total		\$4,100
Safety							
Emergency Response Equipment & Service	6735.6	Fire Extinguisher Service	Various	\$1,100.00	1	\$1,100	
		First Aid Medical Service (see linked notes)	Various	\$1,200.00	1	\$1,200	
		Emergency Response- Haz spill/release	Various	\$1,000.00	1	\$1,000	
		Emergency Response- Rescuc	Various	\$1,000.00	1	\$1,000	
		Disaster Response- Fire, Flood, Earthquake	Various	\$750.00	1	\$750	
		SCBA (50%) Annual recerts, tank refills, tank testing	Various	\$1,400.00	1	\$1,400	
		SCBA Replacement- 2 sets	System + face mask	\$3,300.00	2	\$6,600	
					Total		\$13,050
PPE & Safety Supplies	6750.6	First Aid Supplies	Various	\$500.00	1	\$500	
		COVID Supplies	Various	\$1,500.00	1	\$1,500	
		PPE- Hand, Eye, Face, Head, Hearing	Various	\$750.00	1	\$750	
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)	Various	\$750.00	1	\$750	
		PPE- Boots (15 x \$245)	Pair	\$245.00	15	\$3,675	
		PPE- Other/specialized (arc-flash, rescue, etc.)	Various	\$500.00	1	\$500	
		Respiratory Program (APRs, cartridges, air meters, cal-gas)	Various	\$1,200.00	1	\$1,200	
		Other	Various	\$750.00	1	\$750	
			Total		\$9,700		
Safety Training	6760.6	Policies and procedures	Various	\$20,000.00	1	\$20,000	
		Safety Weeks Annual- Haz Refresh & Response	Per Person	\$380.00	11	\$4,180	
		Safety Weeks Annual- Conf Space Refresh & Rescue	Per Person	\$180.00	10	\$1,800	
		Safety Weeks Bi/Triennial- Skid/Backhoe/Manlift	Per Person	\$500.00	0	\$0	
		Safety Weeks Bi/Triennial- Forklift	Per Person	\$150.00	12	\$1,800	
		Safety Weeks Bi/Triennial- Hoist/Crane	Per Person	\$190.00	12	\$2,280	
		Safety Weeks- First Aid/CPR/AED (biennial)	Per Person	\$220.00	10	\$2,200	
		Safety Weeks- Other (ergonomics, fall awareness)	Varies	\$2,500.00	1	\$2,500	
		Safety Weeks- Fit/Hearing Testing	Per Person	\$180.00	10	\$1,800	
		New Employee- specific (as needed)	Will vary	\$3,500.00	1	\$3,500	
					Total		\$40,100

**Admin Notes
Budget 2024-25**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.7	Mid year adjustment 4.5% in Jan., COLA 2.8%				\$576,042
		Engineering labor moved 50% Trmt, 35% Collection, and 15% Admin				
	5035.7	Exec Assist overtime allowed in lieu of additional hire				\$7,500
Regular Board Meetings	5230.7	CAWD board meetings	# mtgs	\$800.00	11	\$8,800
PBCSD Director's Fees	5240.7	PBCSD board meetings	# mtgs	\$350.00	4	\$1,400
Special Board Meetings	5250.7	Special board meetings	# mtgs	\$800.00	8	\$6,400
Committee Meetings	5260.7	Committee meetings	# mtgs	\$100.00	21	\$2,100
		Ad Hoc Committee meetings	# mtgs	\$100.00	16	\$1,600
					Total	\$3,700
Special District Assoc	5265.7	Attendance at outside agency meetings	# mtgs	\$50.00	28	\$1,400
Training & Strategic Planning	5275.7	Strategic planning to set metrics and goals	# mtgs	\$1,550.00	2	\$3,100
Director's Dental Claims	5280.7	Dental reimbursements	5 yr avg claims	\$8,200.00	1	\$8,200
Gasoline	5310.6	Hyundai- increased due to more travel	Gallons	\$5.00	100	\$500
Outside Repair Service	5345.7	Smog not due until 2026		\$0.00	0	\$0
Repair Parts	5350.7	Maintenance- Oil, Filters	Total	\$200.00	1	\$200
Insurance	5480.7	General Liability	CSRMA advised +10%	\$18,000.00	1	\$18,000
		Errors & Omissions (Fiduciary)	CSRMA advised +10%	\$3,100.00	1	\$3,100
		Commercial Crime Policy	CSRMA advised +10%	\$1,400.00	1	\$1,400
		Property Insurance	CSRMA advised +10%	\$1,400.00	1	\$1,400
		Vehicle	CSRMA advised +10%	\$300.00	1	\$300
		Cyber Crime Insurance	CSRMA advised +10%	\$1,900.00	1	\$1,900
					Total	\$26,100
Audit/Financial Expense	5490.7	Audit plus GASB 84	RFP	\$29,140.00	1	\$29,140
Engineering Fees	5500.7	Bridge PR		\$10,000.00	1	\$10,000
District Counsel	5510.7	District Counsel	per hour	\$200.00	225	\$45,000
		Special Counsel - CRFree, Pescadero, Carmel Meadows	per hour	\$550.00	400	\$220,000
						\$265,000
Bank Fees	5515.7	Bank Fees	Total	\$100.00	1	\$100

**Admin Notes
Budget 2024-25**

Public Outreach & Promotion	5519.7	ZOOM	Annual	\$1,100.00	1	\$1,100
		Xmas pointsettias	One time	\$20.00	6	\$120
		Public Outreach Consultant	Annual	\$40,000.00	1	\$45,000
		Virtual Tours	Annual	\$12,000.00	1	\$12,000
					Total	
Computers & IT Equipment	5540.7	One PC replacement	Computer	\$1,500.00	1	\$1,500
		Sage Accounting Software plus 5%	Annual	\$4,211.00	1	\$4,211
		Sage Fixed Asset Software plus 5%	Annual	\$2,363.00	1	\$2,363
		Dropbox	Annual	\$120.00	1	\$120
		Adobe	Monthly	\$40.00	12	\$480
					Total	
Furnishings & Fixtures	5545.7			\$0.00	0	\$0
				\$0.00	0	\$0
				\$0.00	0	\$0
					Total	
Office Supplies & Service	5570.7	Paper & Printing		\$5,000.00	1	\$5,000
		District Codifications	Annual	\$6,000.00	1	\$6,000
		Postage & Shipping		\$2,000.00	1	\$2,000
		Post Office Box Rental plus 5%	Annual	\$298.00	1	\$298
		Temp Services	Hours	\$45.00	80	\$3,600
		Misc office supplies			1	\$25,000
					Total	
Network Administration	5830.7	Exceedio - managed services - 10%	Annual	\$20,000.00	1	\$20,000
		Exceedio - Server warranty - 5%	Annual	\$800.00	1	\$800
		GotNet	Monthly	\$12.10	12	\$145
		Misc		\$0.00	0	\$2,500
				\$0.00	0	\$0
			Total		\$23,445	
Website Maintenance	5835.7	Streamline Website Service	Month	\$497.00	12	\$5,964
		Monsidio	Annual	\$5,150.00	1	\$5,150
						\$11,200
Alarm System	5880.7	First Alarm	Qtrly	\$516.78	4	\$2,100
HR consulting	5885.7	Annual HR consulting fees (4 staff)	annual	\$13,400.00	1	\$13,400
		Executive coaching				\$35,000
		Staffing analysis				\$45,000
					total	

**Admin Notes
Budget 2024-25**

Janitorial Service	5900.7	Firato Janitorial Service	Monthly	\$675.00	12	\$8,100
		Clean tile & grout	Annual	\$1,000.00	1	\$1,000
		Carpet Cleaning	Annual	\$1,000.00	1	\$1,000
						\$10,100
Copier/Fax Service	5910.7	MBS Business Systems	Quarterly	\$4,516.10	0.25	\$4,516
		Faxage	Monthly	\$9.20	12	\$110
						\$4,700
Actuarial Service	5920.7	Nicolay Consulting (Annual funding, GASB 68, EE stmts)	Annual	\$8,610.00	1	\$8,610
		Foster & Foster - CalPERS GASB 68	Annual	\$1,600.00	1	\$1,600
						\$10,300
Payroll Processing	5950.7	Uattend	Monthly	\$25.00	12	\$300
		ADP (bi-weekly plus year end = 27)	Bi-weekly	\$350.00	27	\$9,450
						\$9,750
Data Processing- County	5970.7	County of Monterey (25,476 in 2022 plus 2%)(Rate data \$20	Annual	\$29,000.00	1	\$29,000
Landscape Maintenance	5980.7	Admin	Total	\$2,000.00	1	\$2,000
Buildings	6320.7	Furnace unit A	Total	\$8,000.00	1	\$8,000
		Misc Lights, Etc	Total	\$2,000.00	1	\$2,000
				\$0.00	1	\$0
				\$0.00	0	\$0
				\$0.00	0	\$0
					Total	
Electricity	6358.7			\$8,700.00	1	\$8,700
Natural Gas	6360.7			\$3,800.00	1	\$3,800
Water	6380.7			\$3,100.00	1	\$3,100
Garbage	6385.7			\$800.00	1	\$800
Fixed Costs	6392.7			\$5,600.00	1	\$5,600
Cellular Phones	6393.7			\$2,300.00	1	\$2,300
Employee Training	6420.7			\$4,000.00	1	\$4,000
Conferences	6430.7			\$5,000.00	1	\$5,000
Business meetings	6440.7			\$1,700.00	1	\$1,700
LAFCO Admin Fee	6520.7	LAFCO- increased due to LAFCO litigation raising fees	Annual	\$32,000.00	1	\$32,000
Employee Certification & Memberships	6550.7	CASA		\$0.00	0	\$0
		ASCE		\$0.00	0	\$0
		WEF		\$0.00	0	\$0
		CSDA		\$0.00	0	\$0
		WateReuse Association		\$0.00	0	\$0

**Admin Notes
Budget 2024-25**

		GFOA		\$0.00	0	\$0
		Water Awareness Committee		\$0.00	0	\$0
		Calif Chamber of Commerce		\$0.00	0	\$0
					Total	\$27,000
Subscriptions/Publications	6640.7			\$0.00	0	\$0
				\$0.00	0	\$0
				\$0.00	0	\$0
				\$0.00	0	\$0
				\$0.00	0	\$0
					Total	\$700
PPE & Safety Supplies	6750.7	Fire extinguisher service		\$200.00	1	\$200
		Masks, first aid supplies		\$1,000.00	1	\$1,000
		Hardhats, safety glassess, hearing protection, raingear		\$200.00	1	\$200
				\$0.00	0	\$0
				\$0.00	0	\$0
					Total	\$1,400
Legal Notices	8920.7			\$1,000.00	1	\$1,000
Rate Payer Claims	8930.7	Increased due to updated policy with no time limit. 3 yr avg		\$4,200.00	1	\$4,200
CAWD Newsletter	8940.7	Anne Muraski, Postage, Mailing house	2 issues	\$38,000.00	1	\$38,000
Contingency	8980.7			\$0.00	0	\$0

Brine Notes
Budget 2024-25

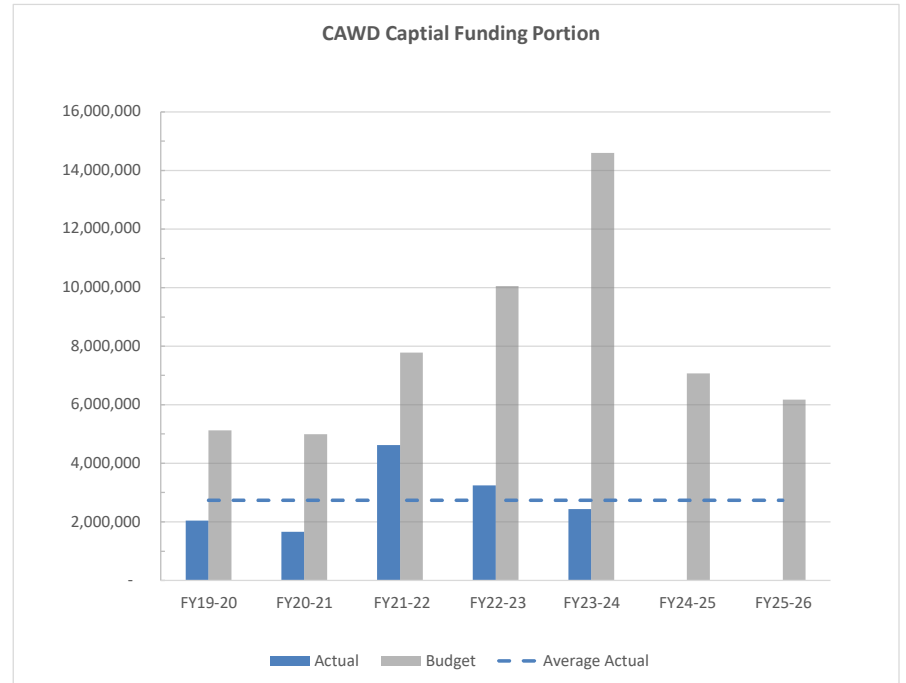
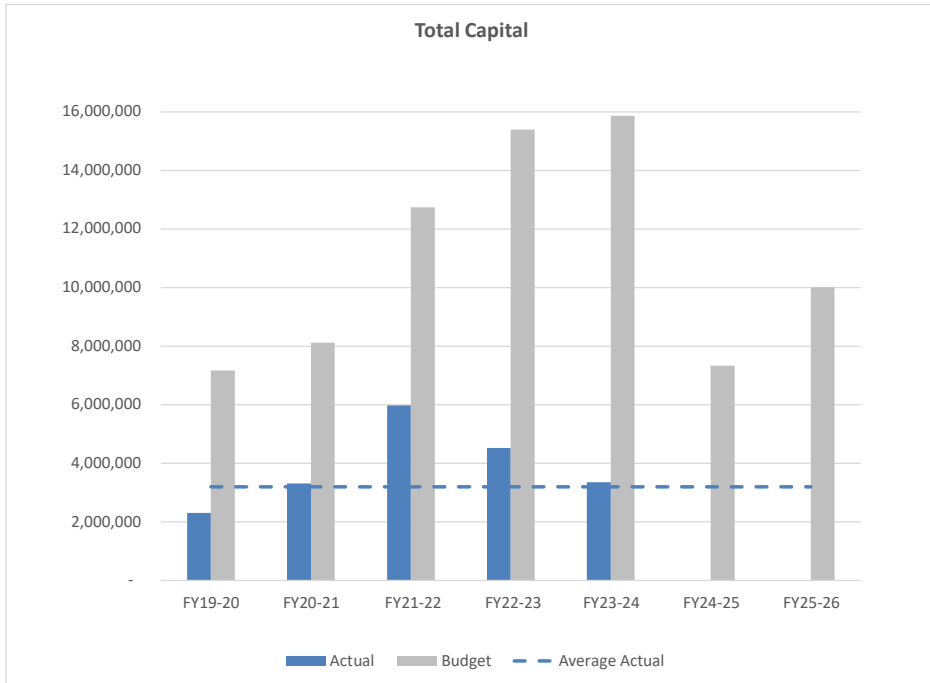
Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries & Payroll taxes		Mid year adjustment March 2024 = 4.5%				
		COLA adjustment July 2024 = 2.8%				
General supplies	5790.10	Glue, fittings, hoses, pipe fittings	Total	\$2,500.00	1	\$2,500
				\$0.00	0	\$0
					Total	
General Repairs	6095.10	Pumps, valves	Total	\$4,000.00	1	\$4,000
				\$0.00	0	\$0
					Total	

Capital Budget Summary

2024-25

Capital Summary 2024-25

ITEM	FY 19-20	FY19-20	FY 20-21	FY20-21	FY 21-22	FY21-22	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	FY 25-26
	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Projected	Budget	Budget	Budget
CIP Projects - Collections	956,837	3,725,000	2,113,606	4,052,416	2,387,191	4,060,000	832,917	6,430,000	710,000	11,630,090	5,450,000	5,050,000
CIP Projects - Treatment and Disposal	756,707	3,000,396	904,702	3,692,000	3,589,568	8,619,000	3,573,242	8,900,750	2,290,000	3,921,500	1,050,000	4,490,000
CIP Projects - Administration			62,824	75,000	0	44,291						
Total Capital Improvement Projects	1,713,544	6,725,396	3,081,132	7,819,416	5,976,759	12,723,291	4,406,159	15,330,750	3,000,000	15,551,590	6,500,000	9,540,000
Capital Equipment - Collections	554,098	410,000	150,894	160,000			55,504	72,500	292,319	241,000	590,000	105,000
Capital Equipment - Treatment and Disposal	40,561	17,800	83,081	134,965		13,500	48,998	0	66,214	57,000	163,000	345,000
Capital Equipment - Administration		14,000					11,149	0		13,500	78,000	20,000
Capital Equipment	594,659	441,800	233,975	294,965	-	13,500	115,651	72,500	358,533	311,500	831,000	470,000
Total Capital	2,308,203	7,167,196	3,315,107	8,114,381	5,976,759	12,736,791	4,521,810	15,403,250	3,358,533	15,863,090	7,331,000	10,010,000
Grant Funding		1,000,000	1,570,442	1,733,029	105,839	2,950,000	29,946	3,500,000	28,448	0	0	3,500,000
PBCSD Share	247,556	978,779	64,124	1,221,278	1,115,643	1,798,785	1,150,049	1,721,324	800,000	1,148,011	206,960	322,344
Reclamation Share	14,038	61,121	16,495	163,133	136,801	206,750	93,149	126,110	90,000	114,521	51,300	10,000
CAWD Capital Funding	2,046,609	5,127,296	1,664,046	4,996,942	4,618,476	7,781,256	3,248,666	10,055,816	2,440,085	14,600,558	7,072,740	6,177,656



Capital Budget
Collections Dept –
Capital Purchases

CAWD Collections Dept - Capital Equipment

FY 2024/25 thru 2028/29

Project #	PROJECT	24/25	25/26	26/27	27/28	28/29	Unscheduled
1	Replace Collection Superintendent Truck (#17)	\$ 95,000					
2	Replace sewer jetter (35)	\$ 400,000.00					
3	Back up Portable Generator for all 7 pump stations	\$ 95,000					
4	Skid Mounted Easement Machine Jetter		\$ 105,000				
5	Replace CCTV Van			\$470,000.00			
6	Replace Flatbed dump truck #28				\$ 90,000		
7	Replace Portable air compressor					\$ 60,000	
TREATMENT & DISPOSAL TOTAL		\$ 590,000	\$ 105,000	\$ 470,000	\$ 90,000	\$ 60,000	
RECLAMATION SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	
PBCSD SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	
CAWD COST		\$ 590,000	\$ 105,000	\$ 470,000	\$ 90,000	\$ 60,000	

1 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif: 12 years
Est Residual Li: 1 year
% Consumed L: 98
Category: Capital Equipment
Urgency: 3 = Important
Carry Forward: No

Project Name: Replace Collection Superintendent Truck (#17)
Dept: Collections
Total Cost: \$ 95,000
CY Budget: \$ 95,000
GL Account:

Asset Description

Chevy 4X4 truck (Unit #17) primary use as the Collection Superintendent's vehicle with a dual purpose of employee conference vehicle. This vehicle was purchased in 2009 and currently has 113,320 miles on it.

Year Built: 2009
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

Replacement of the 2009 Chevy 4x4 (Unit #17) which currently has 113,320 miles on it. This truck is the Collections Superintendent truck as well as the main vehicle for transportation of the Collection staff to/from conferences and training. Staff will look into replace this vehicle with a fully electric vehicle (EV) however availability and reliability of EV might not allow for the procurement of an EV. In 2020 California passed a ban on the sale of gas and diesel powered vehicle by 2035. A naturally aspirated vehicle will be chosen if this is the better choice for the District at this time.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 95,000					\$	95,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

2 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif: 10 years
Est Residual Li: 1 year
% Consumed L: 95
Category: Capital Equipment
Urgency: 1 = Critical
Carry Forward: No

Project Name: Replace Sewer Pressure Cleaner Truck (unit #35)
Dept: Collections
Total Cost: \$ 400,000
CY Budget: \$ 400,000
GL Account:

Asset Description

This unit serves as the primary sewer jet truck for daily sewer main cleaning. It has 1,600 gallons of water storage supplying a water pump capable of an output up to 3000 psi at 60 gpm through a 3/4" hose 1000' in length.

Year Built: 2007
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

This asset is scheduled to be replaced due to its age in budget year 24/25, and has had a number of mechanical issues that have made it less reliable for continued service. It has spent a significant amount of its service life being repaired by the manufacturer due to a multitude of part and component failures.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 400,000					\$	400,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 400,000			\$ -	\$ -	\$ -	\$ 400,000

3 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Lauer
Area: Pump Station
Asset Type: Pump Station
Avg Useful Lif 20 years
Est Residual Life:
% Consumed Life:
Category: Capital Equipment
Urgency: 1 = Critical
Carry Forward: No

Project Name: Portable Backup Generator for Pump Stations
Dept: Collections
Total Cost: \$ 95,000
CY Budget \$ 95,000
GL Account:

Asset Description

A three phase 240/480 volt 100KW portable generator used as a back up to the permanent station generators that exist at several of the District's pump stations. This unit is capable of powering all the District pump stations due to its ability to select the desired output rating for each station's needs. The back up portable unit ensures that there is a redundant and seamless transition of power for all of the district assets and our constituents who rely on our service.

Year Built: n/n
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: n/n

Justification

The Generac portable generator, normally deployed to the Bay & Scenic pump station, has reached the end of its useful service life. The CAT generator previously purchased for this portable role will become the Bay & Scenic Station generator replacing the Generac unit, therefore opening up the role for the new generator to fill this vacated position. It is imperative to have a back up portable generator for all stations because at any given time, any station generator currently in use could fail to start. Having the back up unit ready to go ensures a seamless transition of power with uninterrupted service for our constituents.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 95,000					\$	95,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

4 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif 20 years
Est Residual Li 15 years
% Consumed Life:
Category: Capital Equipment
Urgency: 2 = Very Important
Carry Forward: No

Project Name: Skid Mounted Easement Machine Jeter
Dept: Collections
Total Cost: \$ 105,000
CY Budget
GL Account:

Asset Description

Procurement of a high pressure hydraulic easement sewer line cleaning machine. The Jeter will be mounted on a skid that will be loaded into a 4X4 pickup and driven into a remote sewer easement for maintenance line cleaning. The skid will include 3/8" reel and hose, water tank and hydraulic pump and motor.

Year Built: n/a
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: n/a

Justification

The Collection department is in need of a portable easement sewer line cleaning machine. This skid mounted machine will allow the staff to clean hard to access sewer lines safely. Currently, staff drags sewer hose from the large cleaning equipment into the remote easements for maintenance cleaning. The portable skid mounted Jeter will effectively clean sewer line 3" to 6" in diameter and can be used at the treatment plant to clean small drain lines that staff would normally contract out.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies			\$ 105,000				\$	105,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ 105,000		\$ -	\$ -	\$ -	\$ 105,000

5 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Replace CCTV Van
 Dept: Collections
 Total Cost: \$ 470,000
 CY Budget
 GL Account:

Contact: Lauer
 Area: Sewer Lines
 Asset Type: Vehicle Fleet
 Avg Useful Life: 15 years
 Est Residual Life 1 year
 % Consumed Life: 85
 Category: Capital Equipment
 Urgency: 2 = Very Important
 Carry Forward: No

Asset Description

This IBAK CCTV unit on a Ford E450 chasis serves as the primary CCTV pipeline inspection platform used by staff. This asset allows for real time assesment of pipeline conditions by deploying a small tractor with a camera. It typically has 1000' of cable.

Year Built: 2007
 Rehabilitation Date (Extending life of Asset): n/a
 Rehab Life Extension: n/a
 Asset Condition Rating: Moderate Deterioration

Justification

This unit has reached the later stages of its service life. Throughout its service life it has required a few extensive repairs, in both its mechanical functions and its computer hardware and software. Since the purchase of this asset, the technologies have advanced so much that a new comprehensive unit will allow the inspections to be completed in a fraction of the time the traditional inspections would require by using AI (artificial intelligence). Therefore, the exposure of dangerous conditions to staff willbe limited to a minimum, for example, being in a high traffic scenario, the less time taken to inspect the pipeline, the less exposure to traffic conditions and the like, and visa versa, less time crews spend disrupting the normal flow of traffic in any given setup.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Predictive & Preventative Maintenance
 Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies				\$ 470,000			\$	470,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000

6 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Replace Flat Bed dump truck #28
 Dept: Collections
 Total Cost: \$ 150,000
 CY Budget
 GL Account:

Contact: Lauer
 Area: Sewer Lines
 Asset Type: Vehicle Fleet
 Avg Useful Lif 15 years
 Est Residual Li 1 year
 % Consumed L 85
 Category: Capital Equipment
 Urgency: 2 = Very Important
 Carry Forward: No

Asset Description

2014 Ford F550, 2WD, Diesel, Dump bed with side and rear gates. California Air Resources Board new standard for Zero Emmission Fleet Vehicles over 8,500 lbs may require that this vehicle purchase be all electric in the year 2027.

Year Built: 2007
 Rehabilitation Date (Extending life of Asset): n/a
 Rehab Life Extension: n/a
 Asset Condition Rating: Moderate Deterioration

Justification

This unit is crucial to district repair operations. It is the primary spoils and material hauler in the district fleet, as well as has been used to transport the portable air compressor for asphalt removal operations, and is used to deploy portable generators as needed. Although not a tool used often, it is unmatched for its purpose among our fleet when utilized.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Predictive & Preventative Maintenance
 Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies					\$ 90,000		\$	90,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -		\$ 90,000	\$ -	\$ -	\$ 90,000

7

FY 2024-25 Budget

Carmel Area Wastewater District

Contact: Lauer
 Area: Sewer Lines
 Asset Type: Support Equipment
 Avg Useful Lif: 15 years
 Est Residual Li: 1 year
 % Consumed L: 85
 Category: Capital Equipment
 Urgency: 2 = Very Important
 Carry Forward: No

Project Name: Replace Collections Portable Air Compressor
 Dept: Collections
 Total Cost: \$ 60,000
 CY Budget
 GL Account:

Asset Description

2005 Sullair Tow Behind Portable Air Compressor. 185 CFM

Year Built: 2007
 Rehabilitation Date (Extending life of Asset): n/a
 Rehab Life Extension: n/a
 Asset Condition Rating: Moderate Deterioration

Justification

This aged unit (2005) is almost at 20 years in service. This asset is valuable because it has the ability to provide the high air flow required when using a jackhammer for asphalt removal during District pipeline repair operations. Due to its age, this unit is being phased out by the local air quality boards because of its emissions output while being operated. A new unit will ensure the emissions are within the new CA regulations.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Predictive & Preventative Maintenance
 Non Asset Risk Management

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies						\$ 60,000	\$	60,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -		\$ -	\$ 60,000	\$ -	\$ 60,000

Capital Budget
Collections Dept.
Capital Improvement Projects

Item #	Project #	PROJECT	Estimated Prior Spent thru 23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39	Unbudgeted	Total
1	19-03	Carmel Meadows Pipeline	\$700,000	\$ 300,000	\$ 300,000	\$ 1,000,000	\$ 2,000,000													\$ 3,600,000
2	20-08	Scenic Pipe Bursting- Ocean to Bay Plus Monte Verde Area	\$ 500,000	\$ 2,000,000	\$ 3,000,000															\$ 5,000,000
3	21-05	Pescadero Creek Area Pipe Relocation	\$ 300,000	\$ 500,000	\$ 100,000	\$ 3,000,000														\$ 3,600,000
4	20-07	Bay/Scenic PS Rehabilitation	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,000,000														\$ 1,300,000
5	23-01	Santa Rita & Guadalupe Pipeline Rehab	\$ 200,000	\$ 2,500,000	\$ 1,500,000															\$ 4,000,000
6		Santa Fe and 6th Avenues Sewer Rehab				\$ 157,530	\$ 787,650													\$ 945,180
7		Carpenter - Valley Way to 5th Avenue				\$ 180,000	\$ 896,430													\$ 1,076,430
8		Mission Street Sewer Rehab from 7th to 3rd				\$ 161,568	\$ 807,840													\$ 969,408
9		Carmel Woods Sewer Rehab					\$ 759,288	\$ 3,796,440												\$ 4,555,728
10		Sewer Rehab -Torres/Flander/Acacia					\$175,000	\$866,520												\$ 1,041,520
11		Del Mesa Sewer Rehab #1					\$ 180,000	\$ 972,750												\$ 1,152,750
12		Canada/Segundo/Rio Vista Area Sewer Replacement						\$300,000	\$ 1,070,000.00											\$ 1,370,000
13		Rio Road Pipeline replacement/Taylor/Ladera						\$ 200,000	\$ 1,000,000											\$ 1,200,000
14		11th Ave from Junipero to Rio Road						\$ 158,310	\$ 791,550											\$ 949,860
15		Del Mesa Sewer Rehab #2							\$ 291,396	\$ 1,456,980										\$ 1,748,376
16		Junipero School Area Sewer Replacement							\$ 331,605	\$ 1,658,025										\$ 1,989,630
17		Mission Fields Area Pipe Replacement							\$ 200,000	\$ 278,500	\$ 2,392,770									\$ 2,871,270
18		Monte Verde Pump Station and Sewer Rehab								\$ 300,000	\$ 1,063,000									\$ 1,363,000
19		Taylor Road Area Sewer Replacement								\$ 200,000	\$ 269,300	\$ 2,346,480								\$ 2,815,780
20		Upper Canada Ct/Outlook Sewer Rehab										\$ 232,302	\$ 1,161,510							\$ 1,393,812
21		Upper/Lower Trail Pipe Rehab										\$ 245,244	\$ 1,226,220							\$ 1,471,464
22		Monterey Street Sewer Replacement										\$ 124,440	\$ 622,200							\$ 746,640
23		Calle la Cruz Pump Station Relocation										\$ 400,000	\$ 550,000	\$ 3,550,000						\$ 4,500,000
24		N Mesa Drive Sewer Replacement											\$ 207,810	\$ 1,039,050						\$ 1,246,860
25		Highlands Inn Pump Station and Forced Main Rehab										\$ 350,000	\$200,000	\$ 2,000,000						\$ 2,550,000
26		Hacienda Pump Station Rehab											\$ 150,000	\$ 450,000						\$ 600,000
27		Hatton Road Area Sewer Rehab												\$ 267,006	\$ 1,335,030					\$ 1,602,036
28		Lincoln - 1st Avenue to Ocean												\$ 150,000	\$ 677,190					\$ 827,190
29		Pico/Camino Del Monte/Santa Fe												\$ 150,000	\$ 600,000					\$ 750,000
30		Del Mesa Sewer Rehab #3													\$ 250,000	\$ 1,136,910				\$ 1,386,910
31		San Carlos Sewer Replacement													\$ 125,000	\$ 456,000				\$ 581,000
32		Carmel Meadows/Cuesta Way Sewer Replacement													\$ 125,000	\$ 526,110				\$ 651,110
33		Upper Carmel Knolls Area Sewer Rehab														\$ 300,000	\$ 1,685,596			\$ 1,985,596
34		Cabrillo Hwy/Ocean Avenue Sewer Replacement														\$ 200,000	\$ 1,000,000			\$ 1,200,000
35		Lower Carmel Knolls Sewer Replacement														\$ 200,000	\$ 950,000			\$ 1,150,000
36		Arroyo Carmel Sewer Rehab														\$250,000	\$ 777,000			\$ 1,027,000
37		Doolittle Trail Sewer Replacement														\$550,000	\$ 2,023,460			\$ 2,573,460
38		Upsize Lower Rancho Canada Pipeline															\$ 200,000			\$ 200,000
		Collections TOTAL		\$5,450,000	\$5,050,000	\$5,499,098	\$5,606,208	\$6,294,020	\$3,684,551	\$3,893,505	\$3,725,070	\$3,348,466	\$4,117,740	\$4,939,050	\$3,017,006	\$3,112,220	\$2,619,020	\$3,685,596	\$3,950,460	\$67,992,010
		FEMA Grant Funding																		\$0
		PBCSD Share																		\$0
		CAWD COST		\$5,450,000	\$5,050,000	\$5,499,098	\$5,606,208	\$6,294,020	\$3,684,551	\$3,893,505	\$3,725,070	\$3,348,466	\$4,117,740	\$4,939,050	\$3,017,006	\$3,112,220	\$2,619,020	\$3,685,596	\$3,950,460	\$67,992,010

Process of Evaluation of Priority for Project

1. Near Water Body?
2. PACP>5
3. Overall Structural PACP>5?
4. Holes Noted in Sewer Inspection
5. PACP>4?
6. Overall Structural PACP>4?

PACP Code Definition

- 5: Pipe has failed or will likely fail within 5 years
- 4: Pipe will probably fail in 5-10 years
- 3: Pipe may fail in 10-20 years
- 2: Pipe unlikely to fail for at least 20 years
- 1: Failure unlikely in foreseeable future

1 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Project Name: Carmel Meadows Pipeline
Dept.: Collections
Project Number 19-03
Total Cap Projection: \$ 2,547,500
CY Budget \$ 300,000
GL Account: 1586.00

Pipe Material Ductile Iron and VCP pipes
Pipe Diameter 6 inch
Year Built: 1962
Asset Condition Rating: PACP Defect =5
Structural Index >4
Within 200' of Waterway

Asset Description

The project will 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. This project is located on an easement parallel to Ribera Road as shown below in red.



Justification

Aerial Pipeline in poor condition along Lagoon within 200 feet of a water body. Structural supports of pipeline are in poor condition. Video inspection of buried pipe found the pipeline to be in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Engineering/Environmental	\$700,000	\$ 300,000.00	\$ 300,000				\$ 1,300,000
Construction				\$ 1,000,000	\$ 2,000,000		\$ 3,000,000
Inspections							\$ -
Other							\$ -
Total	\$700,000	\$ 300,000	\$ 300,000	\$ 1,000,000	\$ 2,000,000	\$ -	\$ 4,300,000

FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

Project Name: Scenic Pipe Bursting- Ocean to Bay Plus Monte Verde Area
 Dept.: Collections
 Project Number 20-08
 Total Cap Projection: \$ 3,880,000
 CY Budget \$ 5,500,000
 GL Account: 1635.00

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect =4
 Structural Index>4
 Within 200' of Waterway

Asset Description

Replace approximately 10,985 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline is located within 200 feet of a water body with multiple cracks and fractures. The pipeline is undersized for the flow conditions.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction		\$ 1,600,000	\$ 2,800,000				\$4,400,000
Engineering/Environmental	\$500,000	\$200,000					\$700,000
Construction Inspection		\$ 200,000	\$ 200,000				\$400,000
							\$0
Other							\$0
Total		\$ 2,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ 5,500,000

3 **FY 2024-25 Budget**
Carmel Area Wastewater District

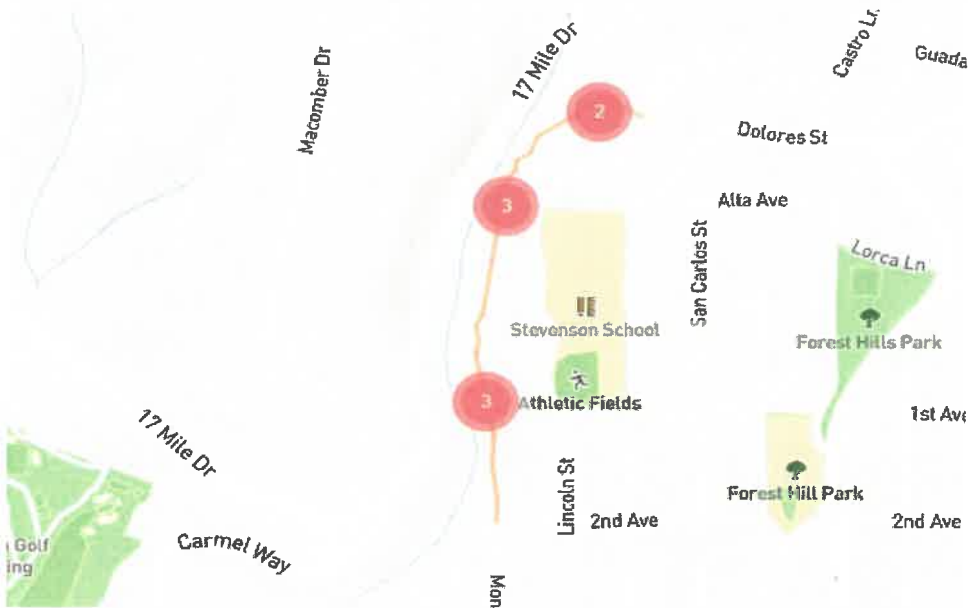
Contact: Treanor
Area Sewer Lines

Project Name: Pescadero Creek Area Pipe Relocation
Dept.: Collections
Project Number 21-05
Total Cap Projection: \$ 3,600,000
CY Budget \$ 300,000
GL Account: 1637.00

Pipe Material Vitrified Clay
Pipe Diameter 6 inch
Year Built: 1921
Asset Condition Rating: PACP Defect =5
Structural Index >4
Within 200' of Waterway

Asset Description

Relocate approximately 2,200 feet of existing pipeline along a backyard easement to Pescadero Road. Existing route is located along the slope of the Del Monte Forest.



Justification

Pipeline is located within 200 feet of a water body with multiple cracks and fractures. Pipeline was observed to be in poor condition during video inspection. Manholes are also in poor condition. Access is difficult due to multiple slope failures along the easement.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction				\$ 2,800,000			\$2,800,000
Engineering/Environmental	\$300,000	\$ 500,000	\$ 100,000	\$200,000			\$1,100,000
Construction Inspection							\$0
Total		\$ 500,000	\$ 100,000	\$ 3,000,000	\$ -	\$ -	\$ 3,900,000

4 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Pump Station

Project Name: Bay/Scenic PS Rehabilitation
Dept.: Collections
Project Number: 20-07
Total Cap Projection: \$ 1,450,000
CY Budget \$ 150,000
GL Account: 1636.00

Asset Condition Rating: 5
Within 200 feet of water body

Asset Description

Remodel the interior of the pump station and update SCADA panel to remove from areas prone to flooding.



Year Built: N/A

Justification

The pump station is adjacent to the Pacific Ocean and subject to ocean waves and flooding. Due to location and potential for flooding, the wetwell and pump electronics will be moved further into the street but within the existing pump station footprint.

Funding Source

Primary	Capital Reserves	Secondary						Total
Budget Impact/Other	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total	
Construction				\$ 800,000			\$800,000	
Engineering/Environmental	\$150,000	\$ 150,000	\$ 150,000	\$200,000			\$650,000	
Inspections							\$0	
Other							\$0	
Total		\$ 150,000	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ 1,450,000	

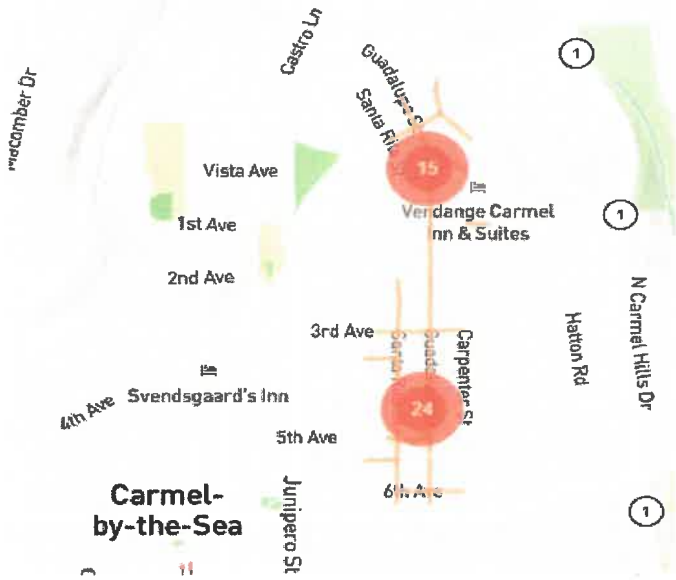
5 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Santa Rita & Guadalupe Pipeline Rehab
 Dept.: Collections
 Project Number:
 Total Cap Projection: \$ 4,200,000
 CY Budget \$ 2,500,000
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: Yes

Asset Description

Approximately 5,800 Feet of 6 inch Vitrified Clay Pipe (VCP) to be replaced with 8 inch diameter High Density Polyethylene pipe using pipe bursting methods. City plans to Cape Seal pavement in 2028.



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in nine locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction		\$ 2,400,000	\$ 1,400,000				\$3,800,000
Engineering	\$200,000						\$200,000
Inspections		\$100,000	100000				\$200,000
Other							\$0
Total		\$ 2,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 4,200,000

6 **FY 2024-25 Budget**
Carmel Area Wastewater District

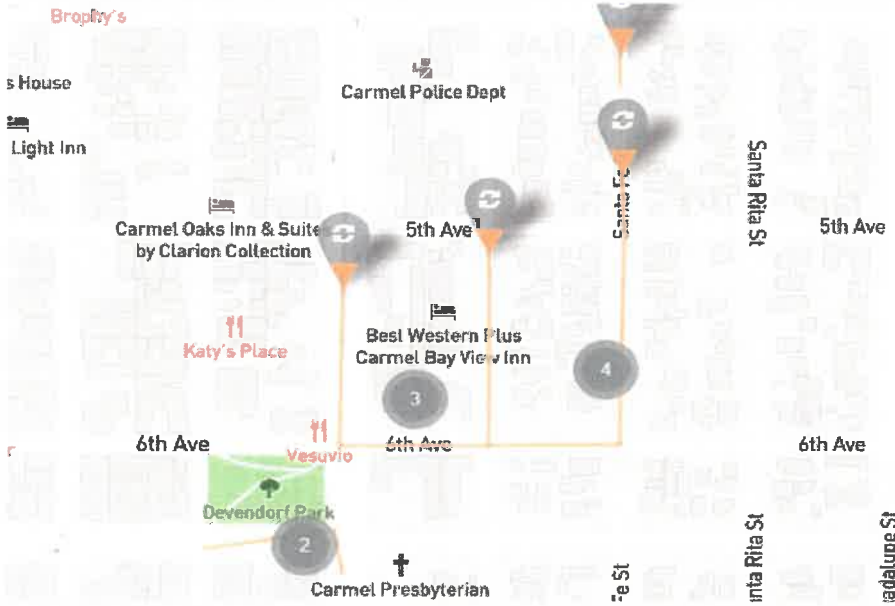
Project Name: Santa Fe and 6th Avenues Sewer Rehab
 Dept.: Collections

Total Cap Projection: \$ 945,180
 CY Budget \$ -
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material: Vitrified Clay
 Pipe Diameter: 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward: Yes

Asset Description

Replace approximately 2,625 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor

Funding Source

Primary	Capital Reserves	Secondary					Total
Budget Impact/Other	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction					\$ 787,650		\$ 787,650
Engineering				\$ 157,530			\$ 157,530
Other							\$ -
Total		\$ -	\$ -	\$ 157,530	\$ 787,650	\$ -	\$ 945,180

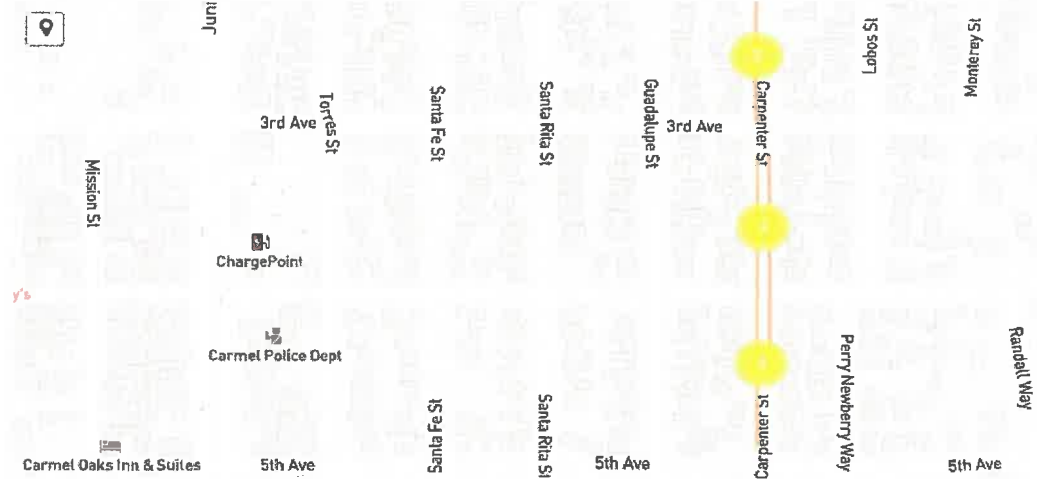
FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor

Project Name: Carpenter - Valley Way to 5th Avenue
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,076,430
 CY Budget \$ -
 GL Account:

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect =5
 Structural Index>3

Asset Description



Approximately 3,000 feet of vitrified clay pipe to be replaced with 8 inch diameter High Density Polyethylene pipe using pipe bursting or open cut methods.

Justification

Poor structural condition observed in sewer video. Three hole locations in ipe that can lead to sink hole in high traffic street. Multiple pipe segments with PACP defects of 5.

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction					\$ 896,430		\$ 896,430
Engineering				\$ 180,000			\$ 180,000
Other							\$ -
Total		\$ -	\$ -	\$ 180,000	\$ 896,430	\$ -	\$ 1,076,430

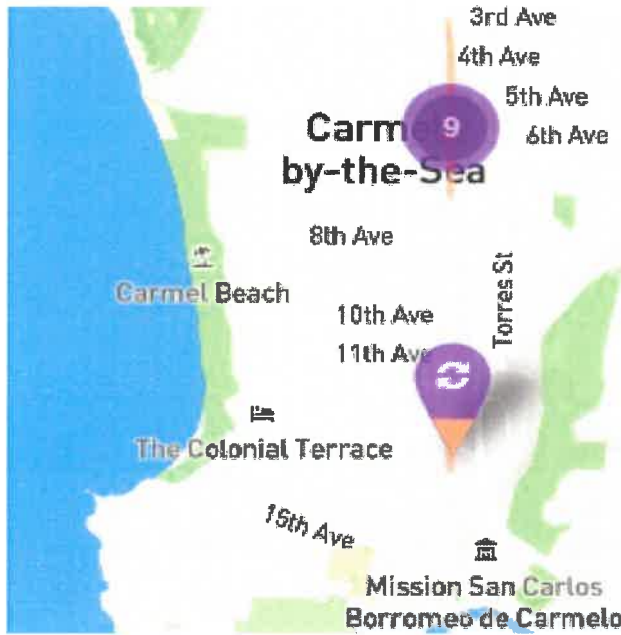
8 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Mission Street Sewer Rehab from 7th to 3rd
 Dept.: Collections
 Project Number: 21-07
 Total Cap Projection: \$ 969,408
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material: Vitrified Clay
 Pipe Diameter: 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>4

Asset Description

Approximately 2,700 feet of 6 inch Vitrified Clay pipe to be replaced on Mission Street between 3rd Avenue and 8th Avenue and one pipe length near Santa Lucia. It is anticipated that the pipe will be replaced using pipe bursting technology with 8 inch diameter High Density Polyethylene (HDPE) pipe.



Justification

Poor structural condition observed in sewer video. Holes in Pipe that can lead to sink hole in high traffic street.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction					\$ 807,840		\$ 807,840
Engineering				\$ 161,568			\$ 161,568
Other							\$ -
Total		\$ -	\$ -	\$ 161,568	\$ 807,840	\$ -	\$ 969,408

9 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1921

Asset Condition Rating: PACP Defect =5

Structural Index >4

Carry Forward: Yes

Project Name: Carmel Woods Sewer Rehab

Dept.: Collections

Project Number:

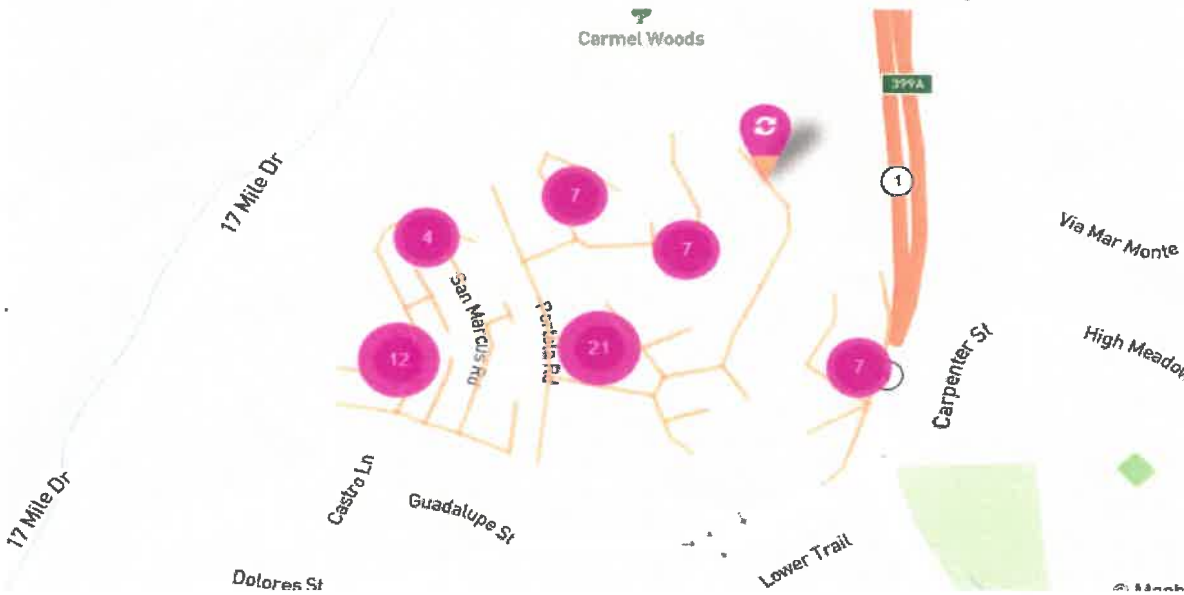
Total Cap Projection: \$ 4,555,728

CY Budget \$ -

GL Account:

Asset Description

Approximately 4,200 feet of 6 inch vitrified clay pipe within the Carmel Woods Subdivision.



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in six separate locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction					\$ 3,796,440	\$ 3,796,440
Engineering				\$ 759,288		\$ 759,288
Other						\$ -
Total	\$ -	\$ -	\$ -	\$ 759,288	\$ 3,796,440	\$ 4,555,728

10 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Sewer Lines

Project Name: Sewer Rehab -Torres/Flander/Acacia
Dept.: Collections

Asset Type: N/A
Pipe Material: Vitrified Clay
Pipe Diameter: 6 inch
Year Built: 1921
Asset Condition Rating: PACP Defect=5
Structural Index>4
Carry Forward: Yes

Total Cap Projection: \$ 1,041,520
CY Budget
GL Account:

Asset Description
Replace approximately 2,900 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 4

Justification
Pipeline was observed to be in poor condition during video inspection. Holes were observed in two locations within the project area.

Funding Source

Primary: Capital Reserves Secondary:

Budget Impact/Other		Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction							\$ 866,520	\$ 866,520
Engineering						\$ 175,000		\$ 175,000
Other								\$ -
Total			\$ -	\$ -	\$ -	\$ 175,000	\$ 866,520	\$ 1,041,520

11 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

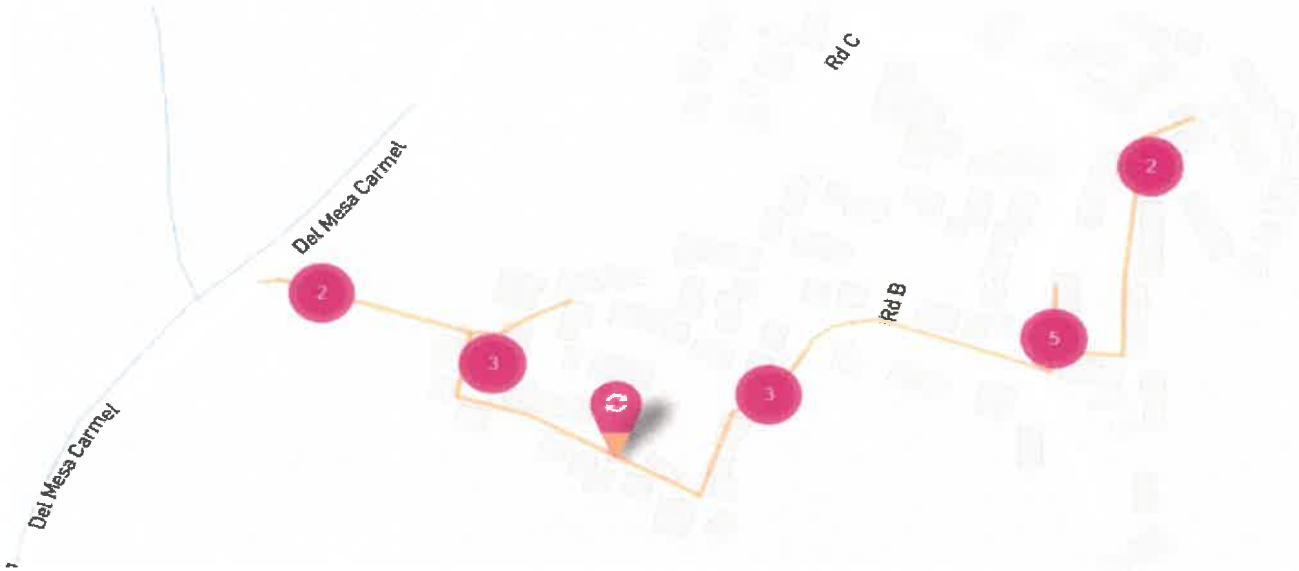
Project Name: Del Mesa Sewer Rehab #1
 Dept.: Collections

Asset Type: N/A
 Pipe Material: Vitrified Clay
 Pipe Diameter: 6 inch
 Year Built: 1966
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward: No

Total Cap Projection: \$ 1,152,750
 CY Budget \$ -
 GL Account:

Asset Description

Replace approximately 3,300 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area.

Funding Source

Primary: Capital Reserves Secondary:

Budget Impact/Other

	Prior Yrs.	24-25	25-26	26-27	27-28	28-29	Total
Construction						\$ 972,750	\$ 972,750
Engineering					\$ 180,000		\$ 180,000
Other							\$ -
Total		\$ -	\$ -	\$ -	\$ 180,000	\$ 972,750	\$ 1,152,750

12 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Canada/Segundo/Rio Vista Area Sewer Replacement
Dept.: Collections

Total Cap Projection: \$ 1,370,000
CY Budget
GL Account:

Contact: Treanor
Area Sewer Lines
Asset Type: N/A
Pipe Material: Vitrified Clay
Pipe Diameter: 6 inch
Year Built: 1967
Asset Condition Rating: PACP Defect=5
Structural Index>4
Carry Forward: No

Asset Description

Replace approximately 3,600 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	28-29	29-30	Total
Construction			\$ 1,070,000	\$ 1,070,000
Engineering		\$300,000		\$ 300,000
Other				\$ -
Total		\$ 300,000	\$ 1,070,000	\$ 1,370,000

13 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Rio Road Pipeline replacement/Taylor/Ladera
 Dept.: Collections

Total Cap Projection: \$ 1,200,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: No

Asset Description

Replace approximately 3,400 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	28-29	29-30	Total
Construction			\$1,000,000	\$ 1,000,000
Engineering		\$200,000		\$ 200,000
Other				\$ -
Total		\$ 200,000	\$ 1,000,000	\$ 1,200,000

14 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

Project Name: 11th Ave from Junipero to Rio Road
 Dept.: Collections

Asset Type: N/A
 Pipe Material: Vitrified Clay
 Pipe Diameter: 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: No

Total Cap Projection: \$ 949,860
 CY Budget
 GL Account:

Asset Description

Replace approximately 2,640 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are also in fair to poor condition.

Funding Source

Primary: Capital Reserves Secondary:

Budget Impact/Other

Prior Yrs.	28-29	29-30	Total
Construction		\$ 791,550	\$ 791,550
Engineering	\$ 158,310		\$ 158,310
Other			\$ -
Total	\$ 158,310		\$ 949,860

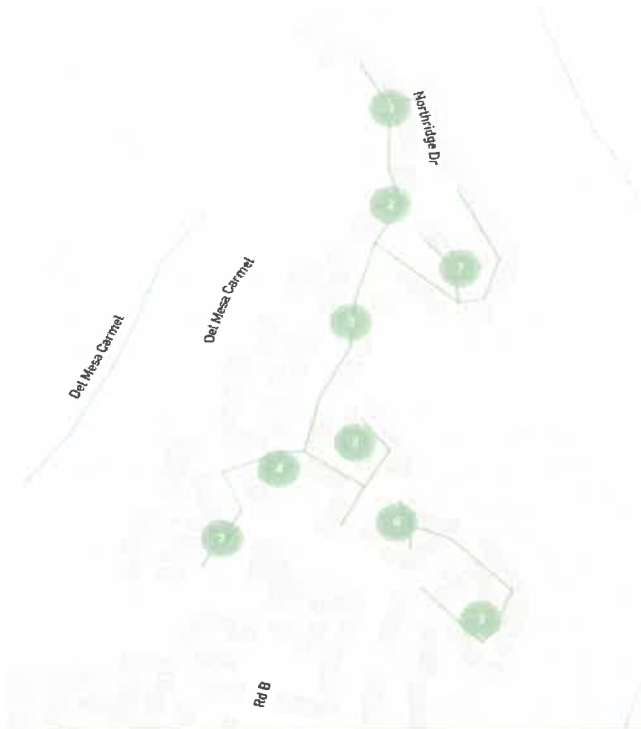
15 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Del Mesa Sewer Rehab #2
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,748,376
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material: Vitrified Clay
 Pipe Diameter: 6 inch
 Year Built: 1966
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward:

Asset Description

Replace approximately 4,857 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	29-30	30-31	Total
Construction			\$ 1,456,980	\$ 1,456,980
Engineering		\$291,396		\$ 291,396
				\$ -
				\$ -
				\$ -
				\$ -
Total		\$ 291,396	\$ 1,456,980	\$ 1,748,376

16 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material vcp

Pipe Diameter 6" to 10"

Year Built: 1945

Asset Condition Rating: PACP Defect=5

Structural Index>4.5

Carry Forward: Yes

Project Name: Junipero School Area Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,788,585
 CY Budget
 GL Account:

Asset Description

Replace approximately 5,527 linear feet of existing clay pipe with a new High-Density Polyethylene (HDPE) , including manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	29-30	30-31	Total
Construction			\$ 1,456,980	\$ 1,456,980
Engineering		\$ 331,605		\$ 331,605
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
Total		\$ 331,605	\$ 1,456,980	\$ 1,788,585

FY 2024-25 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6" & 10"
 Year Built: 1951
 Asset Condition Rating: PACP Defect=5
 Structural Index>3.5
 Carry Forward: Yes

Project Name: Mission Fields Area Pipe Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 2,871,270
 CY Budget
 GL Account:

Asset Description

Replace approximately 7,976 linear feet of existing 6 and 10-inch clay pipe with a new High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	29-30	30-31	31-32	Total
Construction			\$ 2,392,770	\$ 2,392,770
Engineering	\$200,000	278,500		\$ 478,500
Other				\$ -
Total	\$ 200,000	\$ 278,500	\$ 2,392,770	\$ 2,871,270

18 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6",10" & 12"

Year Built: 1949

Asset Condition Rating: PACP Defect=5

Structural Index>3

Carry Forward: Yes

Project Name: Monte Verde Pump Station and Sewer Rehab

Dept.: Collections

Project Number

Total Cap Projection: \$1,363,000.00

CY Budget

GL Account:

Asset Description

Replace approximately 4,376 linear feet of existing 6, 10 and 12-inch clay pipe with a new High-Density Polyethylene (HDPE). Includes manhole rehabilitation. Replace and repair portions of pump station as needed.



Justification

Pipeline was observed to be in fair to poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	30-31	31-32	Total
Labor			\$ 1,063,000	\$ 1,063,000
Engineering	\$ 300,000			\$ 300,000
Other				\$ -
Total		\$ 300,000	\$ 1,063,000	\$ 1,363,000

19 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Taylor Road Area Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 2,815,780
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: Yes

Asset Description

Replace approximately 7,822 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	30-31	31-32	32-33	Total
Construction				\$ 2,346,480	\$ 2,346,480
Engineering		\$200,000	\$269,300		\$ 469,300
Total		\$ 269,300	\$ 2,346,480	\$ 2,815,780	\$ 2,815,780

20 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Sewer Lines
Asset Type: Collections Gravity
Pipe Material VCP
Pipe Diameter 6" & 8"
Year Built: 1967
Asset Condition Rating: PACP Defect=4
Structural Index>3
Carry Forward: No

Project Name: Upper Canada Ct/Outlook Sewer Rehab
Dept.: Collections
Project Number
Total Cap Projection: \$ 1,393,812
CY Budget
GL Account:

Asset Description

Replace approximately 3,871 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

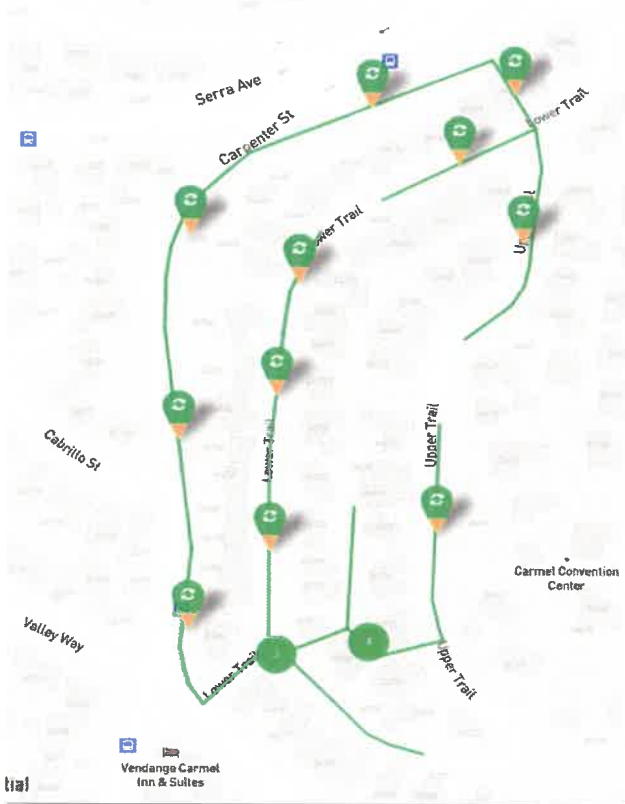
	Prior Yrs.	32-33	33-34	Total
Construction			\$ 1,161,510	\$ 1,161,510
Engineering		\$ 232,302		\$ 232,302
Other				\$ -
Total		\$ 232,302	\$ 1,161,510	\$ 1,393,812

21 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1940
 Asset Condition Rating: PACP Defect=4
 Structural Index>4
 Carry Forward: No

Project Name: Upper/Lower Trail Pipe Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,471,464
 CY Budget
 GL Account:

Asset Description
 Replace approximately 4,087 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification
 Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	33-34	34-35	Total
Construction			\$ 1,226,220	\$ 1,226,220
Engineering		\$245,244		\$ 245,244
Total		\$ 245,244	\$ 1,226,220	\$ 1,471,464

22 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6"

Year Built: 1922

Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: Yes

Project Name: Monterey Street Sewer Replacement

Dept.: Collections

Project Number

Total Cap Projection: \$ 746,640

CY Budget

GL Account:

Asset Description

Replace approximately 2,074 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	32-33	33-34	Total
Construction		\$ 622,200	\$ 622,200
Engineering	\$124,440		\$ 124,440
Total	\$ 124,440	\$ 622,200	\$ 746,640

23 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Pump Station
 Pipe Material
 Pipe Diameter
 Year Built: 1953
 Asset Condition Rating: fair
 Carry Forward: Yes

Project Name: Calle la Cruz Pump Station Relocation
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 4,500,000
 CY Budget
 GL Account:

Asset Description

The pump station is located on the bluff adjacent to Carmel Lagoon. The wet well was lined in 2013 with "sewercoat" which has a 5 year guarantee.

Justification

The pump station is located next to the lagoon and is not designed for by-passing sewage in an emergency. Sea level rise and the Carmel River Free project are anticipated to

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	32-33	33-34	34-35	Total
Construction				\$ 3,000,000	\$ 3,000,000
Engineering		\$ 200,000	\$ 200,000		\$ 400,000
Environmental		\$ 200,000	\$ 150,000	\$ 150,000	\$ 500,000
Construction Inspection				\$ 400,000	\$ 400,000
					\$ -
Other			\$ 200,000		\$ 200,000
Total		\$ 400,000	\$ 550,000	\$ 3,550,000	\$ 4,500,000

Other=permits, easements, etc.

FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1950

Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: Yes

Project Name: N Mesa Drive Sewer Replacement

Dept.: Collections

Project Number

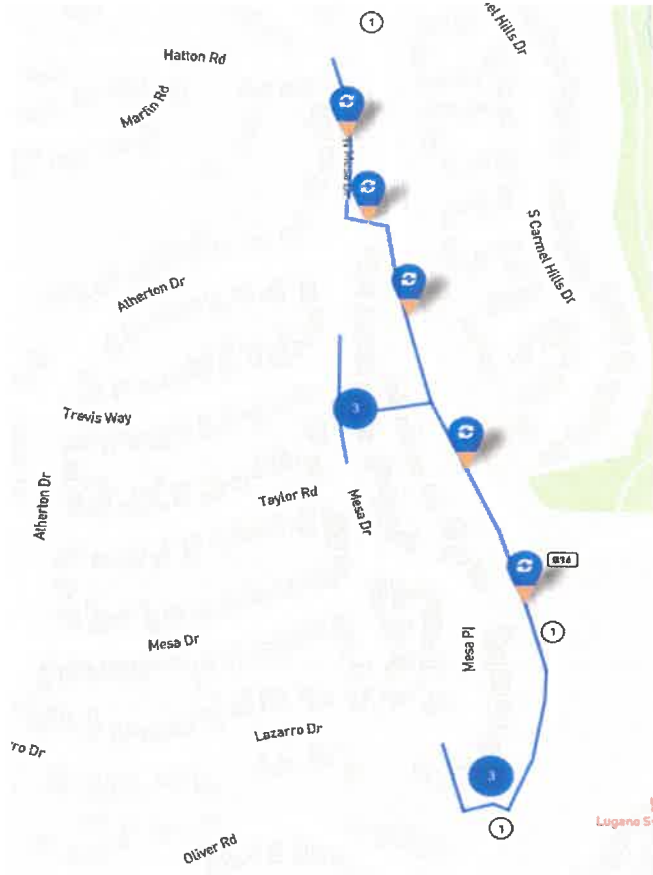
Total Cap Projection: \$ 1,246,860

CY Budget

GL Account:

Asset Description

Replace approximately 3,464 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	33-34	34-35	Total
Construction		\$ 1,039,050	\$ 1,039,050
Engineering	\$207,810		\$ 207,810
Total	\$ 207,810	\$ 1,039,050	\$ 1,246,860

25 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Pump Station

Asset Type: Collections Force

Pipe Material

Pipe Diameter

Year Built: 2004

Asset Condition Rating:

Carry Forward: No

Project Name: Highlands Inn Pump Station and Forced Main Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$2,550,000.00
 CY Budget
 GL Account:

Asset Description

Small pump station located at the Highlands Inn property. High levels of H2S have been produced in the force main to Calle La Cruz pump station.

Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	33-34	34-35	35-36	Total
Construction				\$ 2,000,000	\$ 2,000,000
Engineering		\$350,000	\$200,000		\$ 550,000
Parts & Supplies					\$ -
Chemicals					\$ -
Utility					\$ -
Other					\$ -
Total		\$ 350,000	\$ 200,000	\$ 2,000,000	\$ 2,550,000

26 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Project Name: Hacienda Pump Station Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 600,000.00
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material
 Pipe Diameter
 Year Built:
 Asset Condition Rating: Capital Improvement
 Carry Forward: No

Asset Description
 Hacienda Pump Station serves all parcels east of the Hacienda condo association. It delivers sewage from that area to the main trunk lines on Rio Road.

Justification
 Pump station age and condition estimated

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other				
	Prior Yrs.	34-35	35-36	Total
Construction			\$ 450,000	\$ 450,000
Engineering	\$ 150,000			\$ 150,000
Utility				\$ -
Other				\$ -
Total		<u>\$ 150,000</u>	<u>\$ 450,000</u>	<u>\$ 600,000</u>

27 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1942

Asset Condition Rating: PACP Defect=4

Structural Index>4

Carry Forward: Yes

Project Name: Hatton Road Area Sewer Rehab

Dept.: Collections

Project Number

Total Cap Projection: \$ 1,602,036

CY Budget

GL Account:

Asset Description

Replace approximately 4,450 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

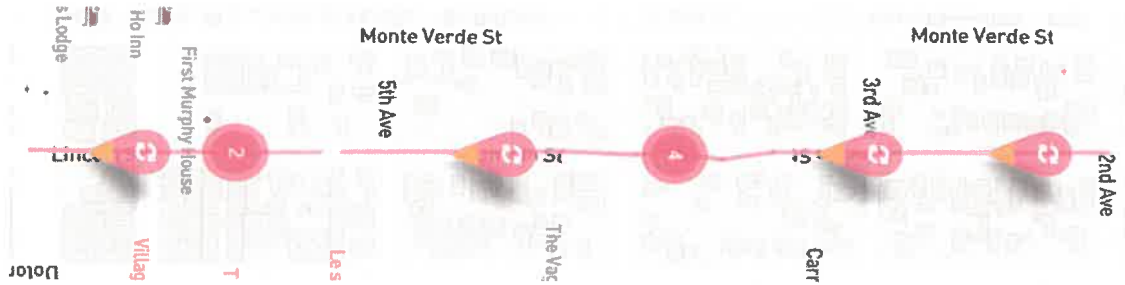
	Prior Yrs.	35-36	36-37	Total
Construction			\$ 1,335,030	\$ 1,335,030
Engineering	\$ 267,006			\$ 267,006
Total		\$ 267,006	\$ 1,335,030	\$ 1,602,036

Project Name: Lincoln - 1st Avenue to Ocean
 Dept.: Collections
 Project Number:
 Total Cap Projection: \$ 1,985,596
 CY Budget
 GL Account:

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=4
 Structural Index>4

Asset Description

Approximately 2,000 feet of vitrified clay pipe to be replaced with 8 inch diameter High Density Polyethylene (HDPE) pipe using pipe bursting or open cut methods.



Justification

Poor structural condition observed in sewer video. Holes in Pipe. Manholes in fair to poor condition. In a high traffic street. **City plans to Cape Seal in 2023 and this will be 10 years later.**

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	35-36	36-37	Total
Construction			\$ 677,190	\$ 677,190
Engineering		\$150,000		\$ 150,000
Other				\$ -
Total		\$ 150,000	\$ 677,190	\$ 827,190

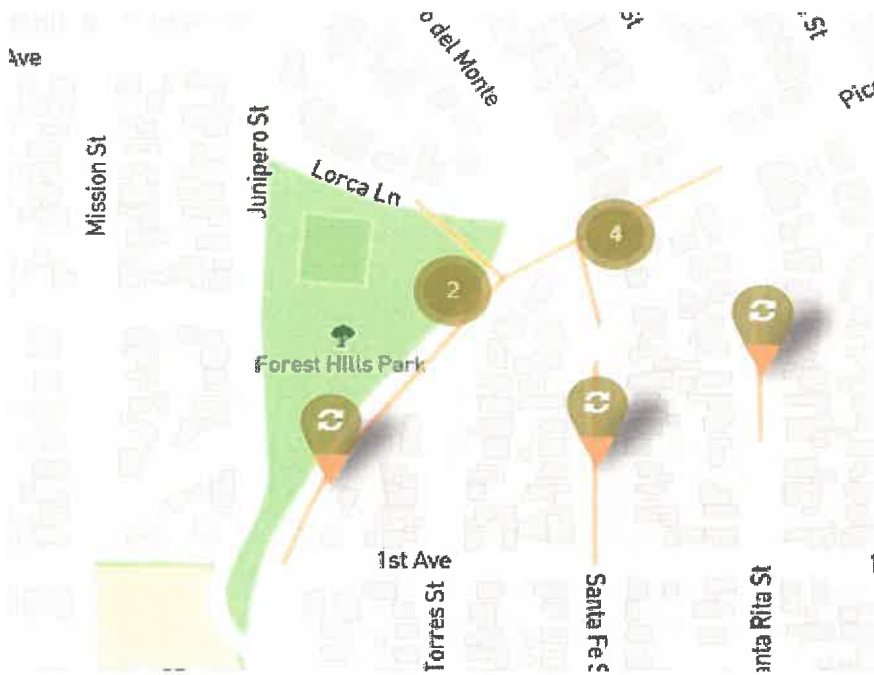
29 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Pico/Camino Del Monte/Santa Fe
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 750,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6"
 Year Built: 1921
 Asset Condition Rating: PACP Defect=4
 Structural Index>4
 Carry Forward: Yes

Asset Description

Replace approximately 1,971 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	35-36	36-37	Total
Construction			\$ 600,000	\$ 600,000
Engineering		\$150,000		\$ 150,000
Total		\$ 150,000	\$ 600,000	\$ 750,000

30 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 Inxh

Year Built: 1966

Asset Condition Rating: PACP Defect=4

Structural Index>4

Carry Forward: No

Project Name: Del Mesa Sewer Rehab #3

Dept.: Collections

Project Number

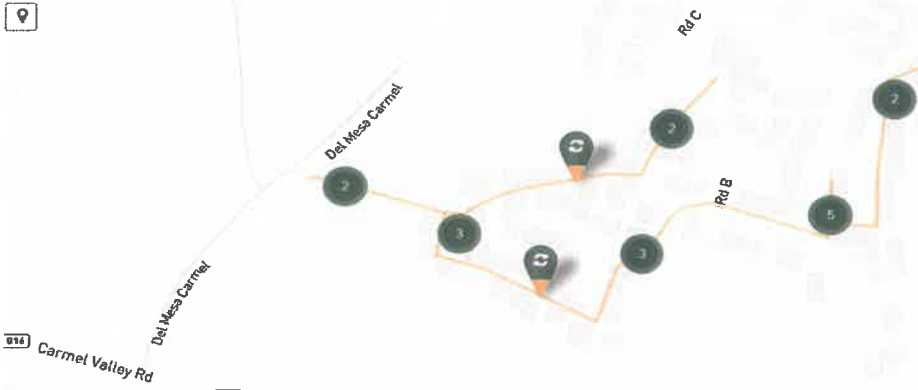
Total Cap Projection: \$ 1,386,910

CY Budget

GL Account:

Asset Description

Replace approximately 3,790 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 1,136,910	\$ 1,136,910
Engineering		\$250,000		\$ 250,000
Total		\$ 250,000	\$ 1,136,910	\$ 1,386,910

31 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1921

Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: No

Project Name: San Carlos Sewer Replacement

Dept.: Collections

Project Number

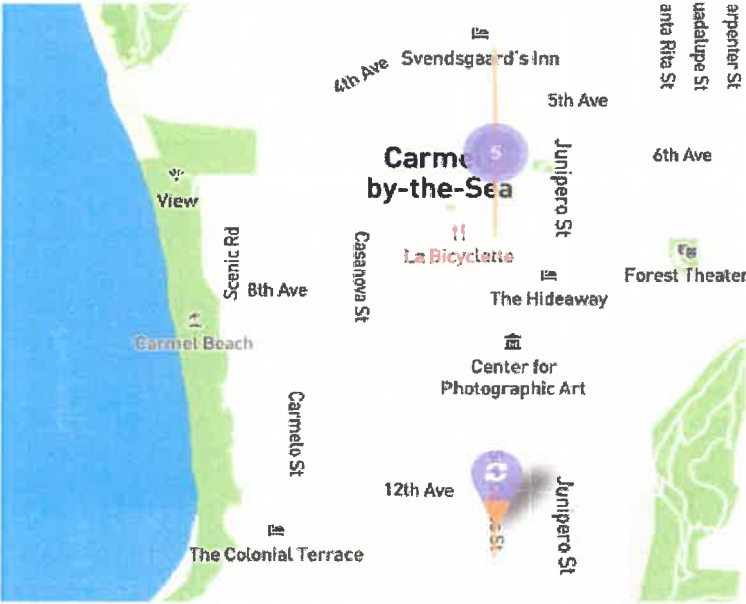
Total Cap Projection: \$ 581,000

CY Budget

GL Account:

Asset Description

Replace approximately 1,520 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 456,000	\$ 456,000
Engineering		\$125,000		\$ 125,000
Other				\$ -
Total		\$ 125,000	\$ 456,000	\$ 581,000

32 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1962

Asset Condition Rating: PACP Defect=4

Structural Index>4

Carry Forward: Yes

Project Name: Carmel Meadows/Cuesta Way Sewer Replacement

Dept.: Collections

Project Number

Total Cap Projection: \$ 651,110

CY Budget

GL Account:

Asset Description

Replace approximately 1,754 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 526,110	\$ 526,110
Engineering		\$125,000		\$ 125,000
Total		\$ 125,000	\$ 526,110	\$ 651,110

33 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1959

Asset Condition Rating: PACP Defect=

Overall Structural>4

Carry Forward: Yes

Project Name: Upper Carmel Knolls Area Sewer Rehab

Dept.: Collections

Project Number

Total Cap Projection: \$ 1,985,596

CY Budget

GL Account:

Asset Description

Replace approximately 3,160 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	37-38	38-39	Total
Construction			\$ 1,685,596	\$ 1,685,596
Engineering		\$300,000		\$ 300,000
Total		\$ 300,000	\$ 1,685,596	\$ 1,985,596

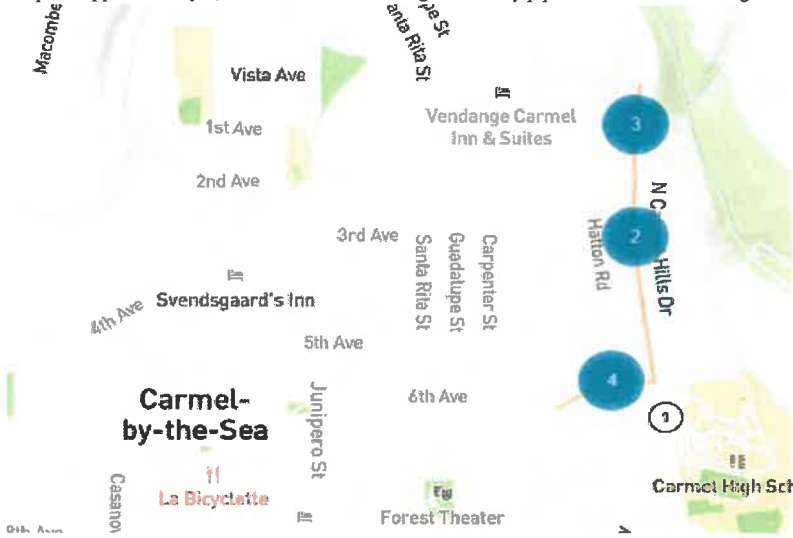
34 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect>4
 Structural Index>3
 Carry Forward: Yes

Project Name: Cabrillo Hwy/Ocean Avenue Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,200,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,294 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	37-38	38-39	Total
Construction			\$ 1,000,000	\$ 1,000,000
Engineering		\$200,000		\$ 200,000
Total		\$ 200,000	\$ 1,000,000	\$ 1,200,000

35 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Lower Carmel Knolls Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,150,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1959
 Asset Condition Rating: PACP Defect>4
 Structural Index>3
 Carry Forward: Yes

Asset Description
 Replace approximately 3160 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification
 Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other		Prior Yrs.	38-39	Unscheduled	Total
Construction				\$ 950,000	\$ 950,000
Engineering			\$200,000		\$ 200,000
	Total		\$ 200,000	\$ 950,000	\$ 1,150,000

36 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1976
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: Yes

Project Name: Arroyo Carmel Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,027,000
 CY Budget
 GL Account:

Asset Description



Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	38-39	Unscheduled	Total
Construction			\$ 777,000	\$ 777,000
Engineering		\$250,000		\$ 250,000
Other				\$ -
Total		\$ 250,000	\$ 777,000	\$ 1,027,000

37 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Sewer Lines
Asset Type: Collections Gravity
Pipe Material VCP
Pipe Diameter 6 inch
Year Built: 1950
Asset Condition Rating: PACP Defect=4
Structural Index>3
Carry Forward: Yes

Project Name: Doolittle Trail Sewer Replacement
Dept.: Collections
Project Number
Total Cap Projection: \$ 2,573,460
CY Budget
GL Account:

Asset Description



Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	38-39	Unscheduled	Total
Construction			\$ 1,223,460	\$ 1,223,460
Engineering		\$250,000	\$100,000	\$ 350,000
Environmental		\$ 300,000	\$ 400,000	\$ 700,000
Construction Management			\$ 300,000	\$ 300,000
Total		\$ 550,000	\$ 2,023,460	\$ 2,573,460

38 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1950

Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: Yes

Project Name: Upsize Lower Rancho Canada Pipeline

Dept.: Collections

Project Number

Total Cap Projection: \$ 200,000

CY Budget

GL Account:

Asset Description

Justification

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	Unscheduled	Total
Construction		\$	-
Engineering		\$200,000	\$ 200,000
Environmental		\$	-
Construction Management		\$	-
Total		\$ 200,000	\$ 200,000

Capital Budget
Treatment & Disposal
Capital Purchases

1 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Effluent Bldg
Asset Type: Process Equip (Liquid)
Avg Useful Life: 30 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 1 = Critical

Project Name: Effluent Pump Impellers
Dept: Treatment
5 yr. Cap Projection: \$ 60,000
CY Budget \$ 60,000
GL Account:

Asset Description

The two Fairbanks Morse Effluent pumps are 75HP dryside pumps with vertical driveshaft that extends from the drywell to the second story electrical room. The pumps have been in service since 1982. A 3rd smaller jockey pump was added to pump during normal dry weather flows. The larger 75HP pumps are typically only used during higher flows during the winter. This purchase includes, impellers, bearings, wear plates, shaft rehab and minor rebuild parts.

Year Built: 1982
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension: 30 years

Justification

The two 75HP effluent pumps are in overall good condition and parts are still available. The impellers, impeller shaft and packing gland seal are showing signs of wear and are due for a rebuild. This rebuild will extend the life of the pumps another 25-30 years. The electrical components including the VFDs and electric motors have already been replaced. Reliability of the wear components is critical for these pumps since they pump the effluent flow to the outfall.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies	\$ 60,000					\$	60,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

2 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 20 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Project Name: Two Plant O&M Utility Carts
Dept: Treatment
5 yr. Cap Projection: \$ 48,000
CY Budget \$ 48,000
GL Account:

Asset Description

Purchase of two (2) O&M utility carts for use at the treatment plant site. Carts transport tools, materials, and equipment at the plant. Carts are used daily to facilitate work around the plant.

Year Built: 1992
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

Existing carts to be replaced are worn out and continually have maintenance issues. New and improved carts will be more reliable and allow staff to complete their work without having to move tools and equipment from carts when they break down. Less time will be spent by maintenance staff on repairs of carts. Parts to repair the carts are difficult to find due to their age.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management Take Asset out of Service

Funding Source

	Primary	Secondary					Unscheduled	Total
Budget Impact/Other	24-25	25-26	26-27	27-28	28-29			
Labor						\$	-	
Engineering						\$	-	
Parts & Supplies						\$	-	
Chemicals						\$	-	
Utility						\$	-	
Other	\$ 48,000					\$	48,000	
Total	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000	

3 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Waggoner
Area Secondary Clarifiers

Project Name: Slide Gates for Secondary Clarifier D-Box
Dept: Treatment
5 yr. Cap Projection: \$ 30,000
CY Budget \$ 30,000
GL Account:

Asset Type: Valve Gate
Avg Useful Life: 20 years
Est Residual Life: 5 years
% Consumed Life: 60%
Category: Capital Equipment
Urgency: 4 = Less Important

Asset Description

There are two slide gates upstream of the two Secondary Clarifiers. These slide gates control flow from the Aeration Basins into each Secondary Clarifier.

Year Built: 1997
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension:

Justification

The existing gates leak making it difficult to isolate either clarifier for maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

	Primary	CAWD 100%	Secondary	Capital Budget				
Budget Impact/Other		24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 30,000					\$	30,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000

4 **FY 2022-23 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Ops Bldg
Asset Type: Computer/Network
Avg Useful Life: 5 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 2 = Very Important

Project Name: SCADA Data Server Upgrade
Dept: Treatment
5 yr. Cap Projection: \$ 25,000
CY Budget \$ 25,000
GL Account:

Asset Description

Replacement of existing database server for storing SCADA data. Computer hardware average useful life is about 5 years.

Year Built: 2018
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

Existing data server is about 6 years old and is running out of space to store historical SCADA data.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

	Primary	CAWD	Secondary					Unscheduled	Total
Budget Impact/Other		24-25	25-26	26-27	27-28	28-29			
Labor							\$	-	
Engineering							\$	-	
Parts & Supplies							\$	-	
Chemicals							\$	-	
Utility							\$	-	
Other		\$ 25,000					\$	25,000	
Total		\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	

5 **FY 2022-23 Budget**
Carmel Area Wastewater District

Project Name: Truck- Unit 9
Dept: Treatment
5 yr. Cap Projection: \$ 70,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 12 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

A new full size SUV to replace an existing full size truck. The new SUV will be used in the treatment plant for operations and maintenance and also for staff travel to trainings.

Year Built: 2004
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

Replacement of treatment plant truck with new truck. Unit 9 is 20 years old with 60,000 miles and past its useful life. Fleet replacement score is 36. Score between 23 to 27 qualifies for replacement. Planned replacement is important so that vehicles are reliable and safe.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management Strategic Changes to Level of Service

Funding Source

Primary CAWD Secondary

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other		\$ 70,000				\$	70,000
Total	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

6 **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Truck- Unit 16
 Dept: Treatment
 5 yr. Cap Projection: \$ 75,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Vehicle
 Asset Type: Vehicle Fleet
 Avg Useful Life: 12 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

Replacement of treatment plant truck unit 16 with a new truck. Truck will be used in the treatment plant for operations and maintenance and also for staff travel to trainings. Truck will be used for moving trailers, parts and equipment in the plant.

Year Built: 2007
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

Replacement of treatment plant truck with new truck. Unit 16 is 17 years old with 55,000 miles and past its useful life. Fleet replacement score is 32. Score between 23 to 27 qualifies for replacement. Planned replacement is important so that vehicles are reliable and safe.

Asset Risk Management Strategy

Capital Improvement Risk
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management Strategic Changes to Level of Service

Funding Source

Primary CAWD Secondary

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other		\$ 75,000				\$	75,000
Total	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

7 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 20 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Project Name: Electric Yard Mule
Dept: Treatment
5 yr. Cap Projection: \$ 200,000
CY Budget \$ -
GL Account:

Asset Description

The yard mule moves the dewatered solids trail on the treatment plant site.

Year Built: 1995
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The existing yard mule is in need of repairs. The new California Air Resources Board Advanced Clean Fleet Regulation is mandating large fleet vehicles (over 8,500 lb GVWR) be converted to zero emission vehicles starting in 2025. In order to be in compliance with this regulation CAWD will need to start replacing vehicles where possible with all electric. The yard mule is one of the larger vehicles that currently has all electric options available in the market.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management Strategic Changes to Level of Service

Funding Source

Primary Secondary

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other		\$ 200,000				\$	200,000
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

8 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Waggoner

Area DeWatering Bldg

Asset Type: Process Equip (Chemical)

Avg Useful Life: 10 years

Est Residual Life: 5 years

% Consumed Life: 50%

Category: Capital Equipment

Urgency: 5 = Future

Project Name: Dewatering Building Poly Blend unit M60-P1AA (Unit 1)

Dept: Treatment

5 yr. Cap Projection: \$ 28,000

CY Budget \$ -

GL Account:

Asset Description

Polymer mixing and injection unit that mixes and adds a coagulant to the flow stream of anaerobic digested sludge prior to the dewatering devices. Either the Screwpress or the Beltpress to enhance liquid separation.

Year Built: 2016

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: 5 years

Justification

The equipment's age is such that the vendor may no longer support or sell/stock replacement parts for the UGSI Polyblend unit in the future. This model was purchased in the Phase 1 project staff continues to update all polymer mixing systems to be the same, to limit the amount of spare parts in inventory.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary CAWD 100% Secondary Capital Budget

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor			\$ 2,000				\$ 2,000
Engineering							\$ -
Parts & Supplies			\$ 24,000				\$ 24,000
Chemicals							\$ -
Utility							\$ -
Other			\$ 2,000				\$ 2,000
Total	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000

9 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Waggoner

Area DeWatering Bldg

Asset Type: Process Equip (Chemical)

Avg Useful Life: 10 years

Est Residual Life: 5 years

% Consumed Life: 50%

Category: Capital Equipment

Urgency: 5 = Future

Project Name: Dewatering Building Poly Blend unit M60-P1AA (Unit 2)
Dept: Treatment
5 yr. Cap Projection: \$ 28,000
CY Budget \$ -
GL Account:

Asset Description

Polymer mixing and injection unit that mixes and adds a coagulant to the flow stream of anaerobic digested sludge prior to the dewatering devices. Either the Screwpress or the Beltpress to enhance liquid separation.

Year Built: 2016

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: 5 years

Justification

The equipment's age is such that the vendor may no longer support or sell/stock replacement parts for the UGSI Polyblend unit in the future. This model was purchased in the Phase 1 project staff continues to update all polymer mixing systems to be the same, to limit the amount of spare parts in inventory.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary CAWD 100% Secondary Capital Budget

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor				\$ 2,000			\$ 2,000
Engineering							\$ -
Parts & Supplies				\$ 24,000			\$ 24,000
Chemicals							\$ -
Utility							\$ -
Other				\$ 2,000			\$ 2,000
Total	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ 28,000

10 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 12 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Project Name: Lab Van-Unit 20
Dept: Treatment
5 yr. Cap Projection: \$ 55,000
CY Budget \$ -
GL Account:

Asset Description

Lab vehicle transports samples to third party lab and is used in source control inspections.

Year Built: 2013
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

Vehicle was purchased in 2012, current milage 19,992. Average milage per year over the last eleven years is 1,817 miles.

Asset Risk Management Strategy

Capital Improvement Risk
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management Strategic Changes to Level of Service

Funding Source

Primary Secondary

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other						\$55,000	\$ 55,000
Total	\$	- \$	- \$	- \$	- \$	- \$ 55,000	\$ 55,000

11 **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Waggoner

Area Lab

Asset Type: Process Equip (Chemical)

Avg Useful Life: 10 years

Est Residual Life: 5 years

% Consumed Life: 50%

Category: Capital Equipment

Urgency: 5 = Future

Project Name: Laboratory Dishwashers (2) (75% CAWD/25% Reclamation)

Dept: Treatment

5 yr. Cap Projection: \$ 26,000

CY Budget \$ -

GL Account:

Asset Description

The laboratory uses two specialized, industrial dishwasher configured for different bottle washing uses. One dishwasher is used for glassware of BOD bottles, beakers and flasks that go through a washing cycle of hot water, soap wash, rinse -tap and DI water, and acid wash. The second dishwasher is used as a universal wash that larger items can be washed and the sample bottles used for sample collection.

Year Built: 2016

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Justification

This is listed as "Unscheduled", the dishwashers are currently working well - no time frame when to replace. These Laboratory dishwashers are Speciality Industrial Units designed to accommodate specifically design laboratory glassware and equipment.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary CAWD 50% Secondary Reclamation 50%

Budget Impact/Other

	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor						\$ 2,000	\$ 2,000
Engineering						\$ -	\$ -
Parts & Supplies						\$ 24,000	\$ 24,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,000	\$ 26,000

Capital Budget
Treatment & Disposal
Capital Improvement Projects

CARMEL AREA WASTEWATER DISTRICT TREATMENT PLANT

LONG TERM CAPITAL PROJECTS - FY 2024/25 - 2038/39

Item #	Project Number	PROJECT	Estimated Prior Spent Thru 23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39	Unscheduled	Total	
PLANNED PROJECTS																					
1	19-21	Carmel River FREE Mitigation Project (Funded by Grants/County, See Below)*	\$0	\$0	\$0	\$0														\$0	
2	22-03	Main Potable Water and Gas Main Replacement (5.5% Collections)	\$150,000	\$300,000	\$400,000	\$550,000														\$1,250,000	
3	22-06	Vector Truck Unloading Station (100% Collections)	\$104,950	\$575,000																\$575,000	
4	24-03	Artificial Intelligence Pilot Project	\$35,000	\$150,000																\$150,000	
5	19-18	Perimeter Fencing	\$50,000	\$25,000	\$275,000															\$300,000	
6		Fish Passage on CAWD Sewer Crossing on the Carmel River			\$30,000															\$30,000	
7		Outfall Cathodic Protection Anode Bed and Rectifier Replacement			\$60,000	\$150,000														\$210,000	
8	18-28	WWTP Perimeter Tree Planting	\$5,020		\$75,000	\$50,000														\$125,000	
9	22-04	Plant Bridge Retrofit Project			\$150,000	\$150,000	\$200,000	\$800,000												\$1,300,000	
10		Plant Paving and Vault Lids				\$500,000														\$500,000	
11		Plant Landscaping				\$150,000														\$150,000	
12		Digester No. 1 - Rehabilitation				\$150,000	\$760,000													\$910,000	
13		Replace Older Turbex Blower					\$530,000													\$530,000	
14		Influent Pump Station Wet Well Repairs					\$300,000													\$300,000	
15		Office Trailer Replacements					\$50,000	\$300,000												\$350,000	
16		Lagoon Crossing Rehabilitation								\$500,000										\$500,000	
17		Ocean Outfall Rehabilitation									\$1,000,000									\$1,000,000	
18		Next Generation PLC/SCADA Upgrades Phase 1												\$1,000,000						\$1,000,000	
19		Septage Waste Receiving Station																	\$1,000,000	\$1,000,000	
20		Sea Level Rise Flood Mitigation																	\$1,000,000	Unknown	
PROCESS AREA REHABILITATION AND MAINTENANCE PROJECTS																					
21		Misc. Yard Piping Rehab and Maintenance Projects							\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$900,000	
22		Influent/Headworks/Primary Rehab and Maintenance Projects							\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000	
23		EQ/Blowers/Aeration/Secondary Rehab and Maintenance Projects (Partial Reclamation)							\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,000,000	
24		Chlorination/Dechlorination/Effluent Rehab and Maintenance Projects (Partial Reclamation)							\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000	
25		DAFT/Digestion/Dewatering Rehab and Maintenance Projects (Partial Reclamation)							\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000	
CAPITAL PROJECTS TOTAL				\$1,050,000	\$990,000	\$1,700,000	\$1,840,000	\$1,100,000	\$590,000	\$1,090,000	\$1,590,000	\$590,000	\$590,000	\$1,590,000	\$590,000	\$590,000	\$590,000	\$590,000	\$1,000,000	\$16,080,000	
*ESTIMATED GRANT/COUNTY FUNDING					\$3,500,000	\$3,500,000														\$7,000,000	
TOTAL FUNDING				\$1,050,000	\$4,490,000	\$5,200,000	\$1,840,000	\$1,100,000	\$590,000	\$1,090,000	\$1,590,000	\$590,000	\$590,000	\$1,590,000	\$590,000	\$590,000	\$590,000	\$590,000	\$1,000,000	\$23,080,000	
ESTIMATED RECLAMATION SHARE				\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$600,000	
ESTIMATED PBCSD SHARE (1)				\$152,681	\$322,344	\$566,100	\$612,720	\$366,300	\$176,490	\$342,990	\$509,490	\$176,490	\$176,490	\$509,490	\$176,490	\$176,490	\$176,490	\$176,490	\$176,490	\$333,000	\$5,154,840
ESTIMATED CAWD COST				\$897,320	\$667,656	\$1,133,900	\$1,227,280	\$733,700	\$353,510	\$687,010	\$1,020,510	\$353,510	\$353,510	\$1,020,510	\$353,510	\$353,510	\$353,510	\$353,510	\$353,510	\$667,000	\$10,325,160
(1) PBCSD to pay 1/3 of costs after Reclamation, Collections, or Grant funding portion is deducted, unless otherwise noted.																					
TECHNICAL STUDIES (EXPENSED TO O&M Acct# 5500 - SHOWN HERE FOR PLANNING PURPOSES)																					
26		Coastal Hazards Monitoring Plan	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$375,000	
27		Coastal Hazards Response Plan	\$251,709	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,500,000	
28		Miscellaneous Technical Studies	\$0	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,875,000	
TOTAL TECHNICAL STUDIES				\$251,709	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$3,750,000

1 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Outfall

Project Name: **Carmel River FREE Mitigation Project (Funded by Grants/County, See Below)***

Dept.: Treatment

Total Cap Projection: \$0* *Note that cost of project is estimated at approximately \$7 Million.
CY Budget \$0* Project is being financed thru grant funds provided by County of Monterey.

Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: N/A
% Consumed Life: N/A
Category: CEQA Mitigation
Urgency: 3 = Important
Carry Forward: No

Project Description

Project to underground CAWD pipelines under the lagoon to mitigate impacts from the Monterey County flood control project (Carmel River FREE). The project will be financed as part of the Carmel River FREE Project. Currently the grant from the Coastal Conservancy is paying all CAWD labor costs during the engineering/environmental/permitting stage.

Year Built: Various

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Asset Condition Rating: N/A

Justification

Required mitigation for the Monterey County flood control project (Carmel River FREE).

Risk Management Strategy

Capital Improvement Strategy: CEQA Mitigation

Maintenance Strategy:

Non Asset Strategy:

Funding Source

Primary Monterey County - FEMA/OES Grant Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor		\$0	\$0	\$0		\$	-
Engineering		\$0	\$0	\$0		\$	-
Parts & Supplies		\$0	\$0	\$0		\$	-
Chemicals		\$0	\$0	\$0		\$	-
Utility		\$0	\$0	\$0		\$	-
Other		\$0	\$0	\$0		\$	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
 Area Yard Piping

Project Name: **Main Potable Water and Gas Main Replacement (5.5% Collections)**

Dept.: Treatment

Total Cap Projection: \$ 1,250,000
 CY Budget \$ 300,000

Asset Type: Pipe (Misc.)
 Avg Useful Life: Over 50 years
 Est Residual Life: Unknown
 % Consumed Life: Unknown
 Category: Maintenance
 Urgency: 4 = Less Important
 Carry Forward: No

Project Description

The potable water and natural gas feed into the plant currently go through the existing under river encasement. These pipes are about 40 years old and the condition is unknown. The natural gas pipe is Schedule 80 PVC and is not to current code. The project will begin with an evaluation of alternatives for reinstalling new pipelines either under the river or along the plant road to Hwy 1.

Year Built: 1980s

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Asset Condition Rating: Unknown

Justification

The potable water and natural gas utility lines entering the plant are critical to the day to day operations at the WWTP. The natural gas line is used as a supplemental heat source for digester thermophilic heating, and the potable water is used for hand washing which is a critical part of employee health and safety. If either pipe were to fail under or adjacent to the river it would be extremely difficult to repair in a timely manner, and most likely new lines would need to be installed.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy:

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor			\$ 150,000	250000		\$	400,000
Engineering & Environmental	\$ 300,000	\$	100,000	\$100,000		\$	500,000
Parts & Supplies		\$	150,000	200000		\$	350,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ 300,000	\$ 400,000	\$ 550,000	\$ -	\$ -	\$ 1,250,000

3 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Sewer Lines

Project Name: **Vector Truck Unloading Station (100% Collections)**
Dept.: Treatment
Total Cap Projection: \$ 679,950
CY Budget \$ 575,000

Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life:
% Consumed Life: 0%
Category: Capital Improvement
Urgency: 3 = Important
Carry Forward: No

Project Description

Construction of a dedicated vector unloading station at the WWTP. The station would be a washout bay with drainage where the District could unload vector waste and remove liquid residuals prior to disposal at the landfill.

Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Various

Justification

The Collections Department uses their Vector Truck to clean sewer lines. The Vector Truck vacuums the solids removed during cleaning. The solids are ultimately disposed of at the landfill but first they are transported to the WWTP and transferred into a dumpster for disposal. There is currently not a dedicated and engineered station for the waste transferring to occur.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy:
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor		\$ 250,000				\$	250,000
Engineering	\$104,950	\$ 75,000				\$	179,950
Parts & Supplies		\$ 250,000				\$	250,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 104,950	\$ 575,000	\$ -	\$ -	\$ -	\$ -	\$ 679,950

4 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area WWTP
Asset Type: SCADA
Avg Useful Life: 40 years
Est Residual Life: 0 years
% Consumed Life: 100%
Category: Capital Improvement
Urgency: 4 = Less Important
Carry Forward: No

Project Name: **Artificial Intelligence Pilot Project**
Dept.: Treatment
Total Cap Projection: \$ 185,000
CY Budget \$ 150,000

Project Description

This project will start CAWD on a path to using artificial intelligence algorithms for SCADA monitoring and control. It is proposed that the pilot project be focused on "Anomaly Detection". Anomaly detection algorithms can detect outliers in SCADA data to alert operations staff of any parameter in SCADA that is outside a statistically normal range. For the WWTP process, this would include not only single variate anomalies, but also multivariate anomalies to detect changes in relationships between measurement parameters. In addition, as part of this project some new data would be brought into SCADA including motor amps from VFDs to enhance condition monitoring of pumps.

CAWD staff has never implemented an anomaly detection algorithm, and so there will be a steep learning curve. It may be beneficial to seek out a consultant to help guide the process who has experience implementing such technology.

A new computer would be purchased to run Artificial Intelligence programs in a sandbox approach during the pilot project. This computer would run the anomaly detection algorithm using SCADA Historian data, and would alert staff of SCADA data anomalies. The computer would have dedicated processing power necessary for running AI Algorithms. Alternatively, a subscription to a Machine Learning cloud service, such as Microsoft Azure, also is an option to consider with cost of \$0.32 per 1000 data points analyzed.

Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: N/A

Justification

Artificial intelligence technology has the potential to improve prediction of pending failures in equipment and processes thus improving reliability.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy:
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor	\$35,000	\$ 150,000				\$	\$ 185,000
Engineering						\$	-
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 35,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 185,000

5 FY 2024-25 Budget
Carnel Area Wastewater District

Contact: Treanor
Area Misc. Structures

Project Name: **Perimeter Fencing**
Dept.: Treatment

Total Cap Projection: \$ 350,000
CY Budget \$ 25,000

Asset Type: Structure
Avg Useful Life: 40 years
Est Residual Life: 0 years
% Consumed Life: 100%
Category: Maintenance
Urgency: 4 = Less Important
Carry Forward: No

Project Description

Fencing around the Treatment Plant facility has deteriorated and is failing in multiple locations. This project would replace the fencing around the entire perimeter of the Treatment Plant with 8' chain link.

Year Built: 1970s
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 8

Justification

This work is necessary to maintain security of the WWTP site.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor			\$ 50,000			\$ 50,000	\$ 50,000
Engineering & Environmental	\$50,000	\$ 25,000	\$ 75,000			\$ 150,000	\$ 150,000
Parts & Supplies			\$ 150,000			\$ 150,000	\$ 150,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ 50,000	\$ 25,000	\$ 275,000	\$ -	\$ -	\$ -	\$ 350,000

6 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
 Area River Crossing

Project Name: **Fish Passage on CAWD Sewer Crossing on the Carmel River**
 Dept.: Treatment

Asset Type: Pipe (Misc.)
 Avg Useful Life: Over 50 years
 Est Residual Life:
 % Consumed Life: 0%
 Category: Capital Improvement
 Urgency: 3 = Important
 Carry Forward: No

Total Cap Projection: \$ 30,000
 CY Budget \$ -

Project Description

To improve adult upstream steelhead migration opportunities by installing a 6 - 12 inch curb at the downstream face of the concrete crossing to increase flow depth over the slab. Flow depth is the most significant obstacle to adult upstream passage and also contributes to predation of adults and juvenile. One or more narrow openings would be left between segments of curb to concentrate flow and attract fish at the location with the lowest jump height. This option would slightly increase the required jump height but would still be passable under most flow conditions. It also addresses velocity and depth criteria.

Year Built: n/a
 Rehabilitation Date (Extending life of Asset): n/a
 Rehab Life Extension: 30
 Asset Condition Rating: 1 New or Excellent Condition

Justification

Waterways Consulting performed an assessment of fish passage conditions over the Carmel River sewer pipeline crossing. The crossing was identified by Trout Unlimited as a potential temporal barrier to upstream fish passage due to a hydraulic drop and the shallow flow depth conditions observed at the concrete structure. NOAA (2016) estimates that the typical upstream passage window and spawning season for adult salmonids is from January to April. Year-round passage is assumed to be desired for juveniles and rearing fish within the lower Carmel River system. Passage conditions at the crossing are driven by the relationships between the Carmel River lagoon water surface elevation, the geometry of the sewer crossing, river flow, and physical conditions of the river downstream of the crossing. The crossing pipeline presents a temporal violation of applicable design standards for jump height, velocity and flow depth. The degree of non-compliance varies in magnitude and duration as a function of river and lagoon conditions at different times of the year.

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor		\$	5,000			\$	5,000
Engineering						\$	-
Parts & Supplies		\$	25,000			\$	25,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

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FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Yard Piping
Asset Type: Pipe (Process Buried)
Avg Useful Life: Over 50 years
Est Residual Life: 25 years
% Consumed Life: 50%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **Outfall Cathodic Protection Anode Bed and Rectifier Replacement**

Dept.: Treatment

Total Cap Projection: \$ 210,000
CY Budget \$ -

Project Description

Replacement of the sacrificial anodes and associated rectifier equipment located at the WWTP Effluent building that currently provides cathodic protection for the WWTP Outfall pipe.

Year Built: 1970s, 1980s, 1990s

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension:

Asset Condition Rating: Unknown

Justification

The anodes that provide the cathodic protection gradually deteriorate over time as they donate electrons to the pipeline to offset corrosion. The anodes and associated rectifier have been in service for 50 years and the anodes could be gone in the next 10 to 15 years. It is difficult to know exactly when the anodes will completely dissolve and the anodes should not be allowed to completely disappear before replacing them.

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor			\$ 70,000			\$ 70,000	\$ 70,000
Engineering		\$ 60,000	\$ 50,000		\$ -	\$ -	\$ 110,000
Parts & Supplies			\$ 30,000			\$ -	\$ 30,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ -	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ 210,000

8 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
 Area

Project Name: **WWTP Perimeter Tree Planting**
 Dept.: Treatment
 Total Cap Projection: \$ 130,020
 CY Budget \$ -

Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Capital Improvement
 Urgency: 4 = Less Important
 Carry Forward: No

Project Description

Further planning and potential start of implementation of planting new native trees around perimeter of plant in anticipation for potential removal of eucalyptus someday. Costs to implement would include: consultant costs, tree procurement, planting labor, and installation of temporary irrigation.

Year Built: 1970s
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

The trees surrounding the treatment plant are 40 years old. There is a need to have a long term plan for these trees which could include replacement with native species over the next 20 years to provide an environmental benefit to the surrounding area. Staff currently has a maintenance schedule for trimming the existing eucalyptus which is a costly activity due to the number of trees and the height. Further study is needed to determine best course of action and some early implementation may be warranted. Planning is for salt tolerant trees.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy:
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor		\$	25,000	\$	25,000	\$	50,000
Engineering		\$	15,000			\$	15,000
Parts & Supplies		\$	35,000	\$	25,000	\$	60,000
Chemicals						\$	-
Utility						\$	-
Other	\$5,020					\$	5,020
						\$	-
Total	\$ 5,020	\$ -	\$ 75,000	\$ 50,000	\$ -	\$ -	\$ 130,020

9 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area N/A

Project Name: Plant Bridge Retrofit Project
Dept.: Treatment

Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 15 years
% Consumed Life: 75%
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Total Cap Projection: \$ 1,300,000
CY Budget \$ -

Project Description

CAWD owns a pedestrian bridge over the Carmel River that continues to be a valuable asset for staff to access the North side of the river where CAWD maintains our natural gas service and also main trunk system lines. The fact that the bridge is intact after almost 90 years of service with essentially no maintenance is an indication of the quality of the construction. However, the bridge was evaluated by a structural design firm in 2011 and was found to have deficiencies during a large seismic event and vulnerable if it is hit by a large tree during an extreme flood event. If this structure could be rehabilitated it could potentially be used in the future as a pedestrian bridge for potential future coastal scenic walking trails connecting the State Park to Carmel-by-the-Sea.

Year Built: 1930s

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension:

Asset Condition Rating: 7 Significant Deterioration

Justification

The bridge over the river is currently of value to the District in terms of access to assets on the North side of the river and also for access to the WWTP from the North if the plant access road is flooded. Maintaining this bridge is possible. Also, there may be value to the community in the future for coastal trails if the bridge was improved for use by the general public.

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Corrective Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor					\$ 350,000	\$ 350,000	\$ 350,000
Engineering			\$150,000	\$150,000	\$ 200,000	\$ 100,000	\$ 600,000
Parts & Supplies					\$ 350,000	\$ 350,000	\$ 350,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 200,000	\$ 800,000	\$ 1,300,000

10 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Misc. Structures
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 4 = Less Important
Carry Forward: No

Project Name: **Plant Paving and Vault Lids**
Dept.: Treatment
Total Cap Projection: \$ 500,000
CY Budget \$ -

Project Description

Repaving inside the treatment plant grounds. Replacement of failing vault lids in various locations.

Year Built: Various
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: Various

Justification

The WWTP paved areas are used for vehicle and equipment movement around the plant, pavement needs to be maintained to provide for safe and efficient movement around the WWTP. There are numerous vault lids in paved and unpaved areas that have broken hinges and therefore are unsafe to open and close to do inspections and operations work.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor				\$ 250,000		\$	250,000
Engineering						\$	-
Parts & Supplies			\$	250,000		\$	250,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

11 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area WWTP
Asset Type: Landscaping
Avg Useful Life: 40 years
Est Residual Life: 0 years
% Consumed Life: 100%
Category: Capital Improvement
Urgency: 4 = Less Important
Carry Forward: No

Project Name: **Plant Landscaping**
Dept.: Treatment
Total Cap Projection: \$ 150,000
C.Y Budget \$ -

Project Description

The front entrance area to the Treatment Plant is not landscaped. The entrance to the WWTP could benefit from aesthetic improvements. CAWD gets many visitors who go on tours and it is desirable to provide a positive impression visually at the front of the WWTP. This would be accomplished by improving the landscaping at the front part of the plant where visitors enter.

Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 8

Justification

Show pride of ownership of the WWTP and increase the positive impression to visitors of the WWTP.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy:
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor		\$	100,000			\$	100,000
Engineering						\$	-
Parts & Supplies		\$	50,000			\$	50,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

12 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
 Area Digesters
 Asset Type: Process Equip (Solid)
 Avg Useful Life: Over 50 years
 Est Residual Life: 25 years
 % Consumed Life: 60%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **Digester No. 1 - Rehabilitation**
 Dept.: Treatment
 Total Cap Projection: \$ 910,000
 C/Y Budget \$ -

Project Description

Digester #1 is one of two digesters which serve the treatment plant. This tank is essential to providing digestion process redundancy. This digester needs maintenance/repairs to improve the condition of the steel cover and the concrete walls. Furthermore, the electrical and mechanical systems associated with the tank mixing process need to be upgraded with new equipment.

Year Built: 1972
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 7 Significant Deterioration

Justification

The Digester tanks are critical for stabilization of sludge before dewatering to meet Class B biosolids disposal regulations. CAWD has two functional primary digesters that are intended as redundant units so that one unit can be taken offline for maintenance without negative impacts to the sludge treatment process. The concrete walls and steel cover exhibit signs of deterioration and should be repaired to improve the condition. Also, the tank mixing equipment and associated electrical is past its useful life and needs to be replaced to keep this tank in reliable operating condition.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Corrective Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor				\$ 250,000			\$ 250,000
Engineering		\$ 150,000	\$ 100,000				\$ 250,000
Parts & Supplies			\$ 410,000				\$ 410,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ -	\$ -	\$ 150,000	\$ 760,000	\$ -	\$ -	\$ 910,000

13 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Project Name: **Replace Older Turblex Blower**
 Dept.: Treatment
 Total Cap Projection: \$ 530,000
 CY Budget \$ -

Contact: Treanor
 Area Blower Bldg.
 Asset Type: Process Equip (Gas)
 Avg Useful Life: 30 years
 Est Residual Life: 10 years
 % Consumed Life: 66%
 Category: Maintenance
 Urgency: 4 = Less Important
 Carry Forward: No

Project Description

Continuous air supply is a critical component for aeration processes within wastewater treatment. A reliable low pressure blower system with full redundancy is essential to provide continuous operation of the critical aeration process. This project will include evaluating installation of a smaller blower, or replacement of the Lamson blower that was installed in the 1970's.

Year Built: 1972, 1992
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:
 Asset Condition Rating: 5 Moderate Deterioration

Justification

Two blowers are required to meet equipment redundancy requirements for the aeration process. The new turblex blower was installed in 2017 and serves as the lead/duty blower. The old turblex blower installed in 1997 had previously served as the lead/duty blower reliably for 20 years prior to the new blower being installed in 2017. Improvement of reliability is being planned prior to the new blower reaching 10 years in operating service. If it is determined that energy savings could benefit the District during low flow periods, a smaller blower may be proposed.

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy: Preventative Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor					\$ 100,000	\$	100,000
Engineering						\$	-
Parts & Supplies					\$ 430,000	\$	430,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
						\$	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 530,000	\$ -	\$ 530,000

14 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Influent Building
Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 30 years
% Consumed Life: 40%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **Influent Pump Station Wet Well Repairs**
Dept.: Treatment
Total Cap Projection: \$ 300,000
CY Budget \$ -

Project Description

The influent wet well provides storage during pumping of plant influent to the Headworks. The wet well is subject to corrosive conditions which degrade concrete over time and if left unchecked the corrosion can extend into the rebar which is much more expensive to repair than the outer concrete layer.

Year Built: 1982
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: 5 Moderate Deterioration

Justification

The influent wet well is a critical component of the conveyance of the raw wastewater to the treatment system. Repairing the concrete (method will likely be coating) as a preventative maintenance activity avoids degradation of reinforcing steel which would be much more costly to repair and damaging to the structural integrity. This wet well was identified in the asset management risk evaluations as being a candidate for repairs in the near term due to Consequence of Failure and Probability of Failure.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor				\$	100,000	\$	100,000
Engineering				\$	100,000	\$	100,000
Parts & Supplies				\$	100,000	\$	100,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000

15 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Misc. Structures

Project Name: **Office Trailer Replacements**
 Dept.: Treatment

Asset Type: Structure
 Avg Useful Life: 25 years
 Est Residual Life: 5 years
 % Consumed Life: 80%
 Category: Capital Equipment
 Urgency: 5 = Future
 Carry Forward: No

Total Cap Projection: \$ 350,000
 CY Budget \$ -

Project Description

Staff currently use four mobile trailers for office space at the WWTP. It is anticipated that in about 8 to 10 years these trailers will need to be replaced or undergo extensive repairs due to age.

Year Purchased: 1999, 2009, 2013, 2019 Note: the trailers were not purchased as "New"
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 5 Moderate Deterioration

Justification

About 7 staff members at the WWTP use office trailers as their daily workspace. These trailers are critical for these staff to do their work and so they need to be maintained or replaced. Conceptually, the intent is to use some type of prefabricated building that could be modular in nature (i.e. mobile home trailers, shipping container buildings, or other types of prefab buildings). CAWD would still need to do site work to prep the area for the new buildings (utilities, grading, stairs, etc.).

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Corrective Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor					\$	100,000	\$ 100,000
Engineering					\$50,000	\$ 50,000	\$ 100,000
Parts & Supplies					\$	150,000	\$ 150,000
Chemicals						\$	\$ -
Utility						\$	\$ -
Other						\$	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 300,000	\$ 350,000

16 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Outfall
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Project Name: Lagoon Crossing Rehabilitation

Dept.: Treatment

Total Cap Projection: \$ -

CY Budget \$ -

Project Description

Potential rehabilitation of Lagoon Crossing Structure to maintain condition. Project may include driving a new set of piles in the lagoon to maintain the existing structure.

Year Built: Various

Rehabilitation Date (Extending life of Asset): 2019

Rehab Life Extension: N/A

Asset Condition Rating: 4

Justification

The Outfall Pipeline and Calle La Cruz Forcemain are in acceptable condition. Rehabilitation may be needed in the future and may include driving new piles.

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	Total
Labor \$	200,000	\$ 200,000
Engineering \$	50,000	\$ 50,000
Parts & Supplies \$	250,000	\$ 250,000
Chemicals	\$	-
Utility	\$	-
Other	\$	-
	\$	-
Total	\$ 500,000	\$ 500,000

17 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Outfall
Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 20 years
% Consumed Life: 60%
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Project Name: **Ocean Outfall Rehabilitation**

Dept.: Treatment

Total Cap Projection: \$ 1,000,000

CY Budget \$ -

Project Description

The outfall pipeline in the ocean was installed in the 1970s and has experienced a break only one time - in 2007. That break in the pipeline cost \$647,504 to repair. The cause of the break remains unknown. Repair to the WWTP outfall in the event annual inspections reveal a defect or emergency repair as a result of storm damage. Actual timeframe will depend on ongoing inspections of the outfall. Underwater inspections this past year found no defects.

Year Built: 1970

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension:

Asset Condition Rating: 2

Justification

The ocean outfall is a critical asset to the NPDES permit as the diffusion in the outfall is required by the permit to meet the initial dilution requirements. The design of the outfall appears to be very good in that it is bedded on the granite shelf and the ocean-facing side is concrete encased for protection.

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Corrective Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

		30-31	Total
Labor	\$	300,000	\$ 300,000
Engineering	\$	200,000	\$ 200,000
Parts & Supplies	\$	500,000	\$ 500,000
Chemicals		\$	-
Utility		\$	-
Other		\$	-
		\$	-
Total	\$	1,000,000	\$ 1,000,000

18 FY 2024-25 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area Various
 Asset Type: SCADA
 Avg Useful Life: 15 years
 Est Residual Life: 15 years
 % Consumed Life: 0%
 Category: Maintenance
 Urgency: 5 = Future
 Carry Forward: No

Project Name: **Next Generation PLC/SCADA Upgrades Phase 1**
 Dept.: Treatment
 Total Cap Projection: \$ 1,000,000
 CY Budget \$ -

Project Description

Upgrades to PLC and SCADA equipment to keep up with obsolescence of technology. Most likely PLC equipment and SCADA software currently installed will be obsolete in 15 years with newer technology providing better service.

Year Built: 1972
 Rehabilitation Date (Extending life of Asset): 2019
 Rehab Life Extension: 25
 Asset Condition Rating: 2

Justification

SCADA software and PLC equipment are critical to the monitoring and operation of the WWTP. These assets can fail and the availability of replacement parts is a driver for replacement as technology changes.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Predictive & Preventative Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	33-34	Total
Labor	\$ 350,000	\$ 350,000
Engineering	\$ 200,000	\$ 200,000
Parts & Supplies	\$ 450,000	\$ 450,000
Chemicals	\$ -	-
Utility	\$ -	-
Other	\$ -	-
	\$ -	-
Total	\$ 1,000,000	\$ 1,000,000

19 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Misc. Structures
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 5 = Future
Carry Forward: No

Project Name: **Septage Waste Receiving Station**
Dept.: Treatment

Total Cap Projection: \$ 150,000
CY Budget \$ -

Project Description

Construction of a new Wet Waste/Septage receiving station to be located adjacent to the new Digester. Station would be able to receive up to 10,000gal/day (2 tankers of ~ 5,000 gal size) of material and would be injected directly into the Digester to avoid increasing the biological load on the aeration system.

Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: N/A

Justification

Preliminary design of a septage receiving facility was conducted by Kennedy/Jenks Consultants and it was concluded that the construction of this facility would pay for itself in revenue in about 10 years. Staff feels that this service would be a good source of revenue and will benefit local septic haulers in that they wouldn't have to drive as far to dispose of the waste. Adding a septage receiving facility is not critical to the operation of the treatment plant or to improving reliability. The existing grease receiving station can be utilized for food waste but not for septage. This project can be re-evaluated every couple of years to see if there is merit or desire for CAWD to provide septage receiving.

Risk Management Strategy

Capital Improvement Strategy: N/A
Maintenance Strategy: N/A
Non Asset Strategy: N/A

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY21-22	22-23	23-24	24-25	25-26	26-27	Total
Labor					\$ 50,000	\$ 50,000	\$ 50,000
Engineering					\$ 50,000	\$ 50,000	\$ 50,000
Parts & Supplies					\$ 50,000	\$ 50,000	\$ 50,000
Chemicals						\$ -	\$ -
Utility						\$ -	\$ -
Other						\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

20 FY 2024-25 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area WWTP
 Asset Type: Various
 Avg Useful Life: 50 years
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Capital Improvement
 Urgency: 5 = Future
 Carry Forward: No

Project Name: **Sea Level Rise Flood Mitigation**
 Dept.: Treatment

Total Cap Projection: \$ -
 CY Budget \$ -

Project Description

Some future work to mitigate impacts of climate change. CAWD completed a sea level rise study in 2018 that indicates that the treatment plant will be vulnerable to increased riverine flooding in future days resulting from climate change. The plant has been designed to operate during floods, however if the base flood elevation increases above the current level of protection then improvements would need to be made to mitigate higher flood levels.

Year Built: 1970s - 2010s

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension: N/A

Asset Condition Rating:

Justification

Increased riverine flood levels onsite in future extreme sea level rise scenarios could cause NPDES permit violations.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy: Predictive & Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Unknown	Total
Labor	\$ -	-
Engineering	\$ -	-
Parts & Supplies	\$ -	-
Chemicals	\$ -	-
Utility	\$ -	-
Other	\$ -	-
Total	<u>Unknown</u>	<u>Unknown</u>

21 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Various
Asset Type: Pipe (Process Buried)
Avg Useful Life: Over 50 years
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **Misc. Yard Piping Rehab and Maintenance Projects**
Dept.: Treatment

Total Cap Projection: \$ -
CY Budget \$ -

Project Description

After inspections of select buried piping segments that have a high consequence of failure, it may be found that the buried pipeline should be rehabilitated. An allowance is estimated for rehabilitation of buried piping in the WWTP.

Buried piping with a high consequence of failure and selected for possible rehabilitation include:

#1 Water Distribution Piping, #3 Water Distribution Piping, Natural Gas Piping, Influent Piping, Secondary Clarifier #1 Effluent Piping, Piping between the Headworks and Primary Clarifiers

Year Built: Various
Rehabilitation Date (Extending life of Asset): Various
Rehab Life Extension: 30
Asset Condition Rating: 5 Moderate Deterioration

Justification

Piping level of service to carry fluids, gas or chemicals without leaks or breaks. Leaks and breaks should be proactively mitigated to avoid spills to the environment.

Failure Modes Addressed:

1. Lack of proactive failure mitigation and condition assessment of buried piping.
2. The condition of buried piping is unknown however due to the prevalent corrosion that can occur in wastewater process piping it is likely that condition issues exist in some buried piping.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	30-31	31-32	32-33	33-34	Total
Labor	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$ 225,000
Engineering					\$	-
Parts & Supplies	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$ 225,000
Chemicals					\$	-
Utility					\$	-
Other					\$	-
					\$	-
Total	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 450,000

22 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area: Various
 Asset Type: Various
 Avg Useful Life: Various
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **Influent/Headworks/Primary Rehab and Maintenance Projects**
 Dept.: Treatment
 Total Cap Projection: \$ -
 CY Budget \$ -

Project Description

The Influent/Headwork/Primary provides removal provides influent conveyance of wastewater and removal of settleable solids. To maintain these facilities in good condition will require future investment in rehabilitation and maintenance activities. The exact work is not known at this time. The budget for this maintenance project work is a small percentage of the replacement cost of these assets as developed in the asset management work.

Year Built: Various
 Rehabilitation Date (Extending life of Asset): Various
 Rehab Life Extension: Various
 Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Predictive & Preventative Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	30-31	31-32	32-33	33-34	Total
Labor	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Engineering					\$	-
Parts & Supplies	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Chemicals					\$	-
Utility					\$	-
Other					\$	-
					\$	-
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

23 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Various
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: EQ/Blowers/Aeration/Secondary Rehab and Maintenance Projects (Partial Reclamation)

Dept.: Treatment

Total Cap Projection: \$ -
CY Budget \$ -

Project Description

The Blowers/Aeration/Secondary processes provide removal of Biological Oxygen Demand and light settleable solids. To maintain these facilities in good condition will require future investment in rehabilitation and maintenance activities. The exact work is not known at this time. The budget for this maintenance project work is a small percentage of the replacement cost of these assets as developed in the asset management work.

Year Built: Various

Rehabilitation Date (Extending life of Asset): Various

Rehab Life Extension: Various

Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work.

Reclamation share of work will be dependent on whether portion of work is for the benefit of reclamation production. The Equalization (EQ) system and the nitrification optimization systems which are in this area are associated with Reclamation.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy: Predictive & Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	30-31	31-32	32-33	33-34	Total
Labor	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$ 500,000
Engineering					\$	-
Parts & Supplies	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$ 500,000
Chemicals					\$	-
Utility					\$	-
Other					\$	-
Total	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000

24 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Various
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: Chlorination/Dechlorination/Effluent Rehab and Maintenance Projects (Partial Reclamation)

Dept.: Treatment

Total Cap Projection: \$ -
CY Budget \$ -
GL Account:

Project Description

The Chlorination/Dechlorination/Effluent processes provide disinfection and chlorine residual prior to the Reclamation Microfilters and provide inactivation of viruses and bacteria removal prior to discharge to the environment or to the Reclamation Project. To maintain these facilities in good condition will require future investment in rehabilitation and maintenance activities. The exact work is not known at this time. The budget for this maintenance project work is a small percentage of the replacement cost of these assets as developed in the asset management work.

Year Built: Various
Rehabilitation Date (Extending life of Asset): Various
Rehab Life Extension: Various
Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work.

Reclamation share of work will be dependent on whether portion of work is for the benefit of reclamation production. The chlorination systems are interconnected between the Secondary Plant and Reclamation.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Predictive & Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	30-31	31-32	32-33	33-34	Total
Labor	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Engineering						\$ -
Parts & Supplies	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Chemicals						\$ -
Utility						\$ -
Other						\$ -
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

25 FY 2024-25 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Various
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: DAFT/Digestion/Dewatering Rehab and Maintenance Projects (Partial Reclamation)

Dept.: Treatment

Total Cap Projection: \$ -
CY Budget \$ -

Project Description

The DAFT/Digestion/Dewatering systems provide treatment of sludge and waste streams and removal of solids from the treatment plant. To maintain these facilities in good condition will require future investment in rehabilitation and maintenance activities. The exact work is not known at this time. The budget for this maintenance project work is a small percentage of the replacement cost of these assets as developed in the asset management work.

Year Built: Various
Rehabilitation Date (Extending life of Asset): Various
Rehab Life Extension: Various
Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work.

Reclamation share of work will be dependent on whether portion of work is for the benefit of reclamation production. The DAFT system is used by the Reclamation Project for treatment of MF Backwash and membrane cleaning waste.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Predictive & Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	29-30	30-31	31-32	32-33	33-34	Total
Labor	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Engineering					\$	-
Parts & Supplies	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$ 250,000
Chemicals					\$	-
Utility					\$	-
Other					\$	-
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

26 FY 2024-25 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area WWTP
 Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Study
 Urgency: 3 = Important
 Carry Forward: No

Project Name: Coastal Hazards Monitoring Plan
 Dept.: Treatment
 Total Cap Projection: See O&M Budget
 CY Budget See O&M Budget

Project Description

Pending Coastal Commission Direction - The Coastal Hazards Monitoring Plan shall establish the framework and parameters for: 1) regularly monitoring flood and other coastal hazards at the Plant and management responses, 2) identifying how those hazards are impacting and affecting the operations of the Plant, 3) identifying changes necessary to allow continued appropriate and required functioning of the Plant, 4) identifying flood/hazard "triggers" to establish when actions need to be pursued in response to specific flood/hazard events, and 5) evaluating how area and regional projects regarding flood control projects proposed in the vicinity of the WWTP will impact the plant.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

This work is being proposed by the California Coastal Commission as part of Coastal Development Permitting

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor						\$ -	-
Engineering		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$ 375,000
Parts & Supplies						\$ -	-
Chemicals						\$ -	-
Utility						\$ -	-
Other						\$ -	-
Total	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000

27 FY 2024-25 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area WWTP

Project Name: **Coastal Hazards Response Plan**
 Dept.: Treatment
 Total Cap Projection: See O&M Budget
 CY Budget See O&M Budget

Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Study
 Urgency: 3 = Important
 Carry Forward: No

Project Description

Per Coastal Commission - A response plan shall build upon the sea level rise work already completed, and the coastal hazards monitoring. This study shall compare the costs and benefits of maintaining the WWTP in its current location vs relocating the treatment facilities and look at alternatives for relocation.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

This work is being proposed by the California Coastal Commission as part of Coastal Development Permitting

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor						\$	-
Engineering	\$251,709	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$ 500,000
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 251,709	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

28 **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area WWTP
 Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Study
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **Miscellaneous Technical Studies**
 Dept.: Treatment
 Total Cap Projection: See O&M Budget
 CY Budget See O&M Budget

Project Description

Technical studies as may be necessary to evaluate technical issues or opportunities at the WWTP.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

Being prepared for opportunities or issue mitigations by advance study/review will allow CAWD to be proactive in management and operation of the WWTP.

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Cumulative Thru FY23-24	24-25	25-26	26-27	27-28	28-29	Total
Labor						\$	-
Engineering		\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$ 625,000
Parts & Supplies						\$	-
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ -	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000

Capital Budget Administration Dept.

Project #	PROJECT	24/25	25/26	26/27	27/28	28/29	Unscheduled
CAPITAL PROJECTS							
1	Document Management Software	\$ 20,000	\$ 20,000	\$ 20,000			
2	Multipurpose Midsize Truck	\$ 42,000					
3	Replace Administrative Office Carpeting						\$ 27,000
4	Interior Painting						\$ 25,000
5	Replace Administrative Office Furnace						\$ 6,500
6	Admin Roof						\$ 70,000
7	Front Porch Settling - repair						\$ 35,000
8	Update bathrooms - new tile & paint						\$ 25,000
CAPITAL PURCHASES							
a	Server Replacement	\$ 16,000					
b	Admin Copy Machine/Scanner/Fax				\$ 10,500		
TREATMENT & DISPOSAL TOTAL							
		\$ 78,000	\$ 20,000	\$ 20,000	\$ 10,500	\$ -	\$ 188,500
RECLAMATION SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBCSD SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CAWD COST		\$ 78,000	\$ 20,000	\$ 20,000	\$ 10,500	\$ -	\$ 188,500

1 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Barringer
 Area Administration

Project Name: Document Management Software
 Dept.: Administration
 5 yr. Cap Projection: \$ 60,000.00
 CY Budget \$ 20,000.00
 GL Account:

Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Admin
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

Document Management Software/Record Retention & Destruction- Paperless Solution (SaaS-Software As Service)

This is an enterprise content management software that will provide process automation, take manual processes and streamline them into categorized hierarchy. It will digitizing the District records (e.g., Board Documents, Accounting, Capital Projects, etc.) and will move the organization from paper records into digital records that will provide more transparency, searchability through Optical Character Recognition (OCR), and integrated artificial intelligence usage.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

The District will be able to more effectively manage compliance of the retention/destruction of records based on the policy. The records will be more easily accessed due to increased search capabilities and provide more visibility and control over the District records. It will minimize data loss, improper access/destruction of files, how records are handled and by whom. This type of platform is built for scalability and can provide digital workflows.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management:
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor	\$	20,000	\$ 20,000	\$ 20,000				\$ 60,000
Engineering								\$ -
Parts & Supplies								\$ -
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$	20,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 60,000

2 **FY 2023-24 Budget**
 Carmel Area Wastewater District

Contact: Barringer
 Area Administration

Project Name: Multipurpose Midsize Truck
 Dept: Administration
 5 yr. Cap Projection: \$ 42,000.00
 CY Budget \$ 42,000.00
 GL Account:

Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Admin
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

Midsize pickup truck for multiple uses including: Employee travel between Treatment Plant and Admin Office, Collection system project site visits, Travel to offsite meetings/conferences, small maintenance trips, supplies pickups, etc.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: N/A

Justification

The number of vehicles that the District currently has is an issue when any one truck is at the shop for maintenance. This vehicle would provide an extra vehicle that is needed to serve staff's ongoing transportation needs.

Asset Risk Management Strategy

Capital Improvement Risk: N/A
 Maintenance Risk Management: N/A
 Non Asset Risk Management: N/A

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies	\$	42,000					\$	42,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,000

3 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Replace Administrative Office Carpeting
 Dept.: Administration
 5 yr. Cap Projection:
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 20 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

It is anticipated that the Administration office building carpeting, which has never been replaced, will need to be replaced within the next 5 years. 500 square yards at \$45/yard. To prolong the carpet life, staff proposes to include a maintenance item to professional clean the carpets each year.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The carpets were cleaned in 2021 and were successful in removing large stains; however, the high traffic areas remain badly worn and soiled. Given the age of the carpet it is not surprising that it is showing its age. We tiled the entry way and hallway roughly 5 years ago because of the condition of the carpet. The general recommendation for the life of commercial carpeting is a 10 year lifespan.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary	Capital Reserves	Secondary						Unscheduled	Total
Budget Impact/Other									
	Prior Yr.	24-25	25-26	26-27	27-28	28-29			
Labor								\$	-
Engineering								\$	-
Parts & Supplies								\$	-
Chemicals								\$	-
Utility								\$	-
Other							\$ 27,000	\$	27,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,000	\$ 27,000

4 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Interior Painting
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The District has not had the interior building walls painted since 1990. There has been some "touch up" work over the years, but we have reached the point where there are repairs that need to be done (i.e. cracks, separation at corners, chipping, etc.) and then the entire office repainted. Base boards in the main hallway were painted in 2016 as part of the floor tile project. We would like to keep the "teal" wallpaper in entry and boardroom intact.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Normal wear and tear on the building over the past 30 years - it is generally recommended in trade to repaint interior every 5-7 years.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 25,000	\$ 25,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000

5 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Replace Administrative Office Furnace
 Dept.: Treatment
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

It is anticipated that the Administrative Office building furnaces will need to be replaced at some future date. There are a total of three furnaces in the building. We have had intermittent repairs to the system and replaced two units as they failed - last in 2009. We continue to annually change the filters.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): 1990
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Because the furnaces are relatively easy to repair/replace we will continue to handle these on a run-to-fail basis.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary	Operating Reserves	Secondary							
Budget Impact/Other		Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
	Labor							\$	-
	Engineering							\$	-
	Parts & Supplies							\$	-
	Chemicals							\$	-
	Utility							\$	-
	Other							\$ 6,500	\$ 6,500
	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,500	\$ 6,500

6 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Admin Roof
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 30 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The roof at the Admin offices is composite shingle. The average lifespan of asphalt shingles ranges from 20 to 40 years.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The roof will be 32 years old in 2022. We will continue to monitor its condition but estimate that it may still have some life remaining. At this time the plan is to replace with like roofing.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 70,000	\$ 70,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000

7 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Front Porch Settling - repair
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 50 years
 Est Residual Life:
 % Consumed Life:
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The concrete front porch to the Admin Building has settled approximately 1-2 inches since it was initially poured in 1990. Settlement is likely due to improper/non-existent footings/foundations under the porch.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The options to solve this problem include: (1) Rip out and build new, (2) Dig underneath and jack it up a bit above where it belongs, pour a new footer below, and then set it back down, and (3) Leave it as is and build something new over the top of it that makes it "disappear". Mudjacking, also referred to as slabjacking, concrete raising or pressure grouting, is the process of raising concrete slabs by hydraulically pumping a grout mixture mixed with cement under the concrete slab. The procedure may provide a solution to the settling experienced on the building front porch. The District will invite contractors experienced in these techniques to the site for analysis of which method will provide the best results.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 35,000	\$ 35,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000

8 **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Update bathrooms - new tile & paint
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0 years
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The bathrooms in the Admin Offices were tiled and painted in 1990 when the building was completed. After 30 years it is time to update the paint and tile.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Bathroom appear dated - when interior walls are painted, restrooms should also be done. Tile should extend up walls for splash purposes.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary	Capital Reserves	Secondary							
Budget Impact/Other		Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
	Labor							\$	-
	Engineering							\$	-
	Parts & Supplies							\$	-
	Chemicals							\$	-
	Utility							\$	-
	Other							\$ 25,000	\$ 25,000
	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000

a **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Foley
 Area Administration

Project Name: Server Replacement
 Dept.: Administration
 5 yr. Cap Projection: \$ 16,000.00
 CY Budget \$ 16,000.00
 GL Account:

Asset Type: N/A
 Avg Useful Life: 5 years
 Est Residual Life: 1 year
 % Consumed Life: 80%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The Dell Optiplex server located in Admin was installed in 2017. It functions as the email server and data server for Admin offices.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

This server was replaced in 2017. We replace servers on a rotating five year basis to ensure reliability and ability to keep up with technology. The older servers become, the less value they produce on the efficiency level. Stretching out the lifespan would mean an increase in business risk as we rely on hardware that is unsupported or that cannot be fixed in a timely manner. There is also a greater chance of losing sensitive data or that the Admin Office ends up offline for an extended period. Because Admin employees spend at least 6 hrs/day on a computer reliability is critical.

Asset Risk Management Strategy

Capital Improvement Risk: Plan Rehabilitation/Replacement
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other	\$	16,000					\$	16,000
Total		\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,000

b **FY 2023-24 Budget**
Carmel Area Wastewater District

Contact: Buikema
 Area Administration

Project Name: Admin Copy Machine/Scanner/Fax
 Dept.: Administration
 5 yr. Cap Projection: \$ 10,500.00
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 5 years
 % Consumed Life: 50%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The current machine was purchased in 2019 for \$7,865. The technician, and our own experience, advises that the typical lifespan is 5-7 years. Budget assumes a 4% increase per year from 2019. The cost includes a pedestal and additional paper drawers to accommodate regular, legal, and ledger size paper.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 3 Minor defects only

Justification

The Admin copy machine receives considerable use every working day and is a critical piece of office equipment. While technology will certainly continue to change, based on current average usage we are planning for its replacement with an equivalent machine. This machine carries the largest load of copy and print volume for the District and is the conduit between copy/scan/fax/email of documents in Admin and the rest of the plant. The usage on this machine is heavy due to printing of board packets and other project material. Staff must have the ability to print/scn/fax from the Admin Office to ensure continued work flow without interruption.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

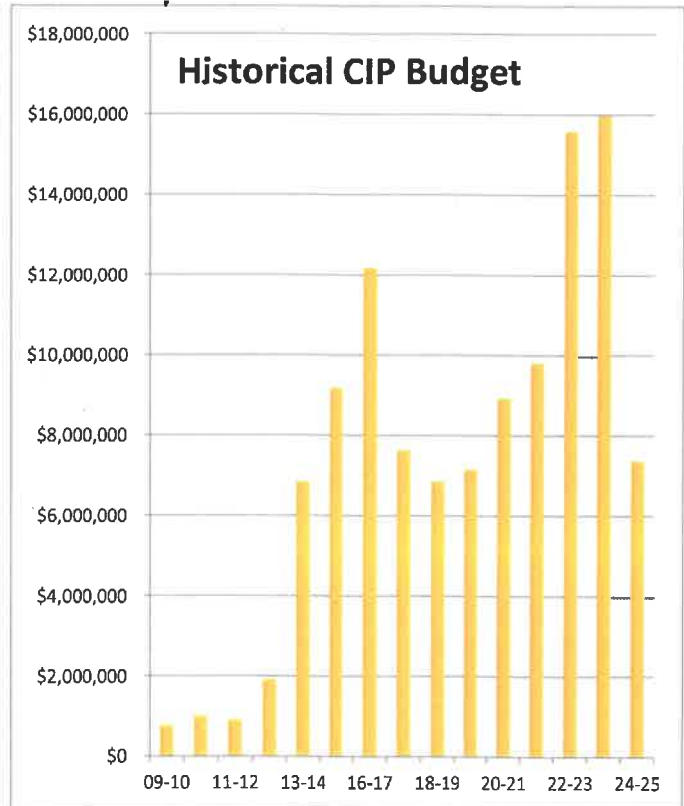
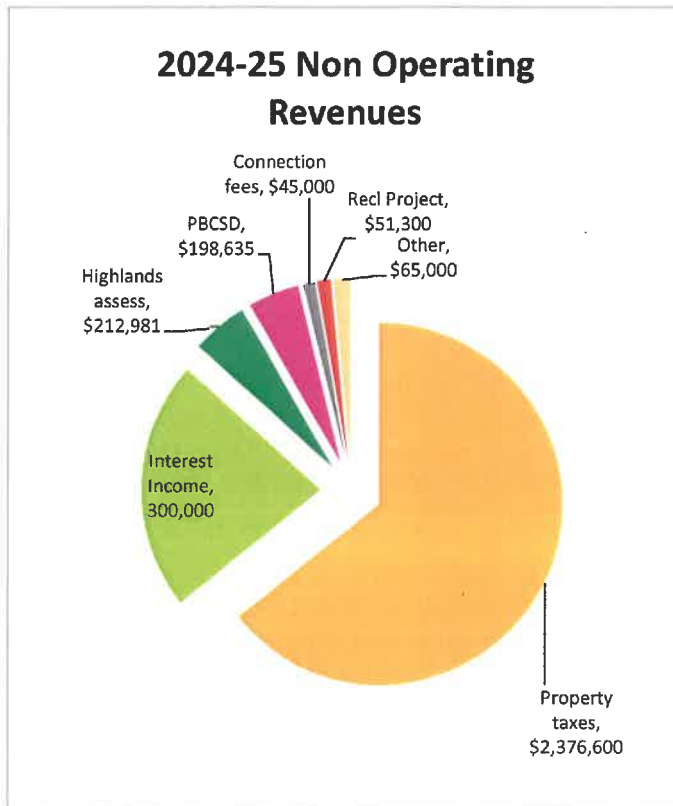
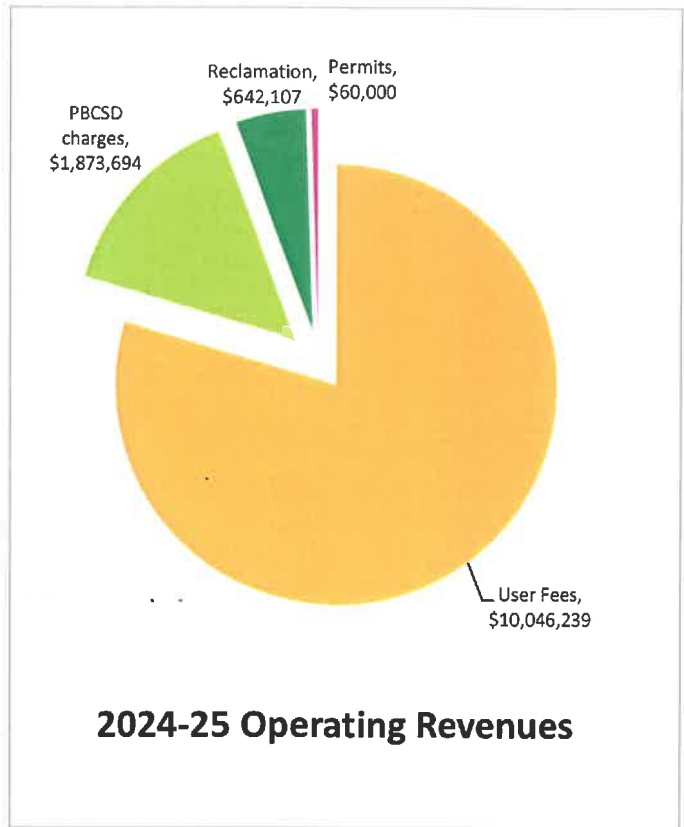
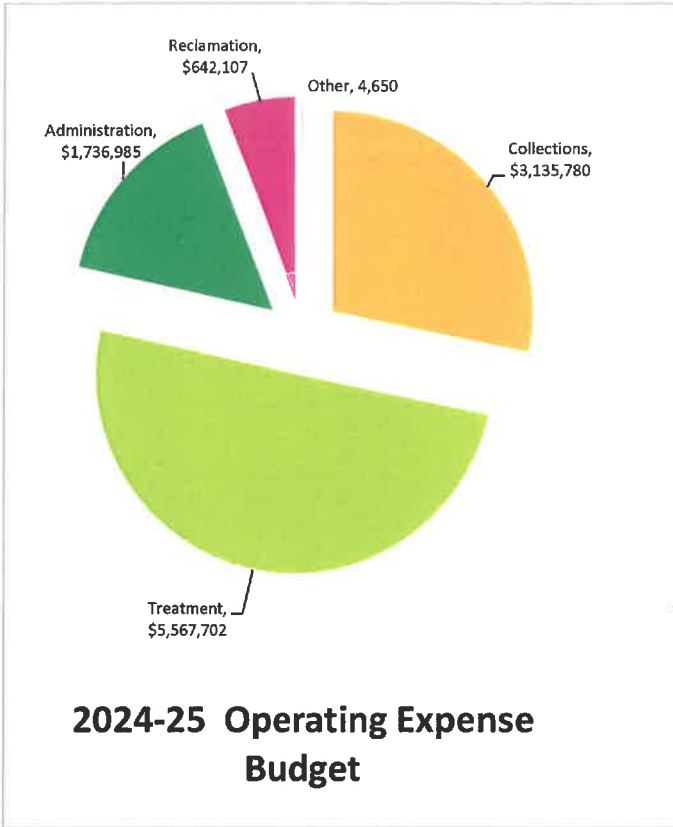
Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	24-25	25-26	26-27	27-28	28-29	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other					\$ 10,500		\$	10,500
Total		\$ -	\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ 10,500

Budget Graphs

Budget 2024-25



Location & Service Area

District Service Area



Carmel Area Wastewater District - Service Area with Parcels

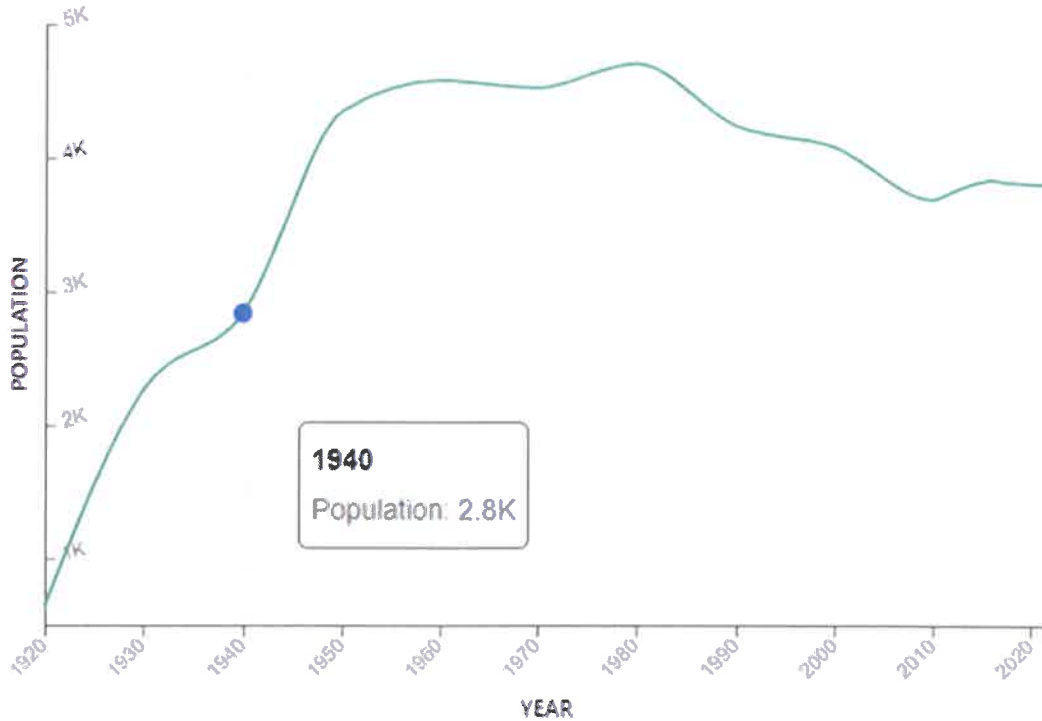


Demographics

Demographics for Carmel Area Wastewater District

Carmel-by-the-Sea, California Population 2022

3,799



Carmel-by-the-Sea has a 2020 population of **3,799**. Carmel-by-the-Sea is currently declining at a rate of **-0.11%** annually but its population has increased by **3.04%** since the most recent census, which recorded a population of **3,687** in 2010.

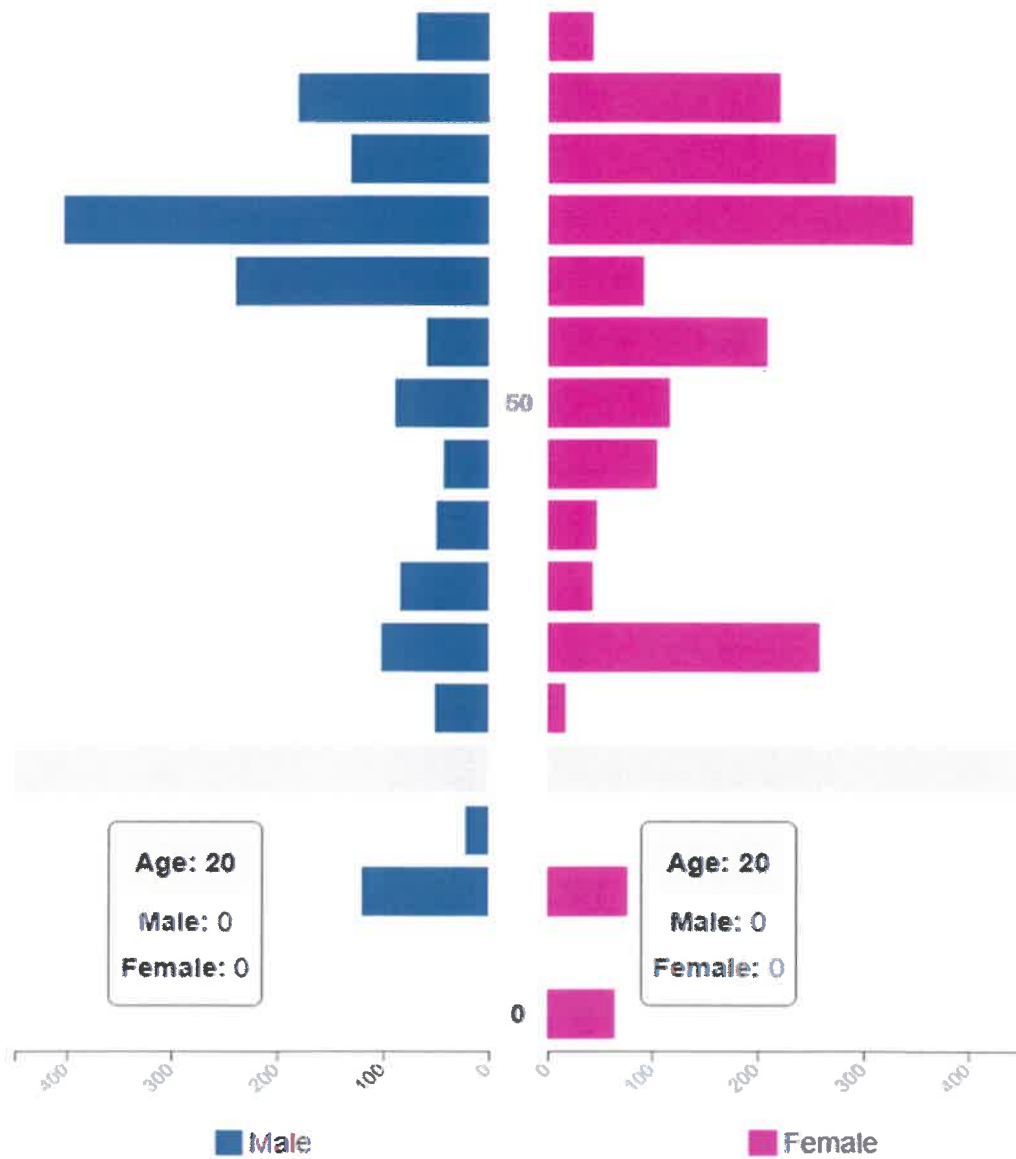
The average household income in Carmel-by-the-Sea is \$129,582 with a poverty rate of 1.43%. The median rental costs in recent years comes to \$2,231 per month, and the median house value is \$1.54 Mn. The median age in Carmel-by-the-Sea is 59.6 years, 59.1 years for males, and 61.2 years for females.

Carmel-by-the-Sea Demographics

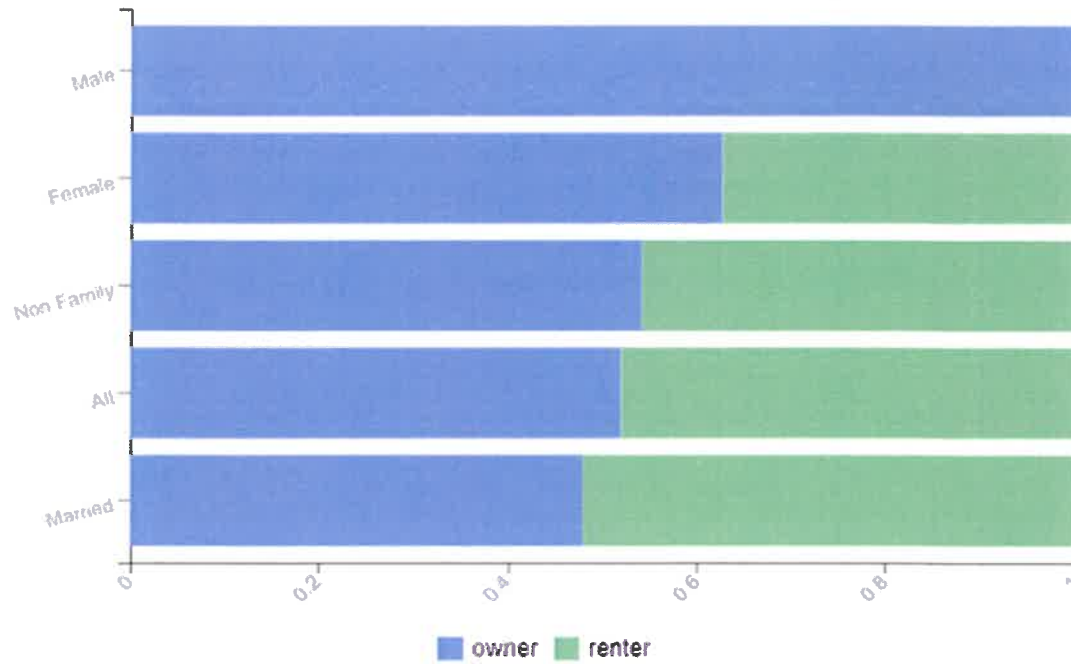
According to the most recent American Community Survey (ACS), the racial composition of Carmel-by-the-Sea was:

- White: 93.69%
- Two or more races: 4.83%
- Asian: 1.43%
- Black or African American: 0.05%
- Native American: 0.00%
- Native Hawaiian or Pacific Islander: 0.00%
- Other race: 0.00%

Carmel-by-the-Sea Population Pyramid 2022



Carmel-by-the-Sea Renter vs Owner Occupied by Household Type



Carmel-by-the-Sea Households by Type

Type	Count ▼	Average Size	± CSV ± JSON
			Owned
All	1,909	1.97	52
Married	963	2.62	47.9
Non Family	828	1.11	54.2
Female	94	2.82	62.8
Male	24	2.17	100

2.34

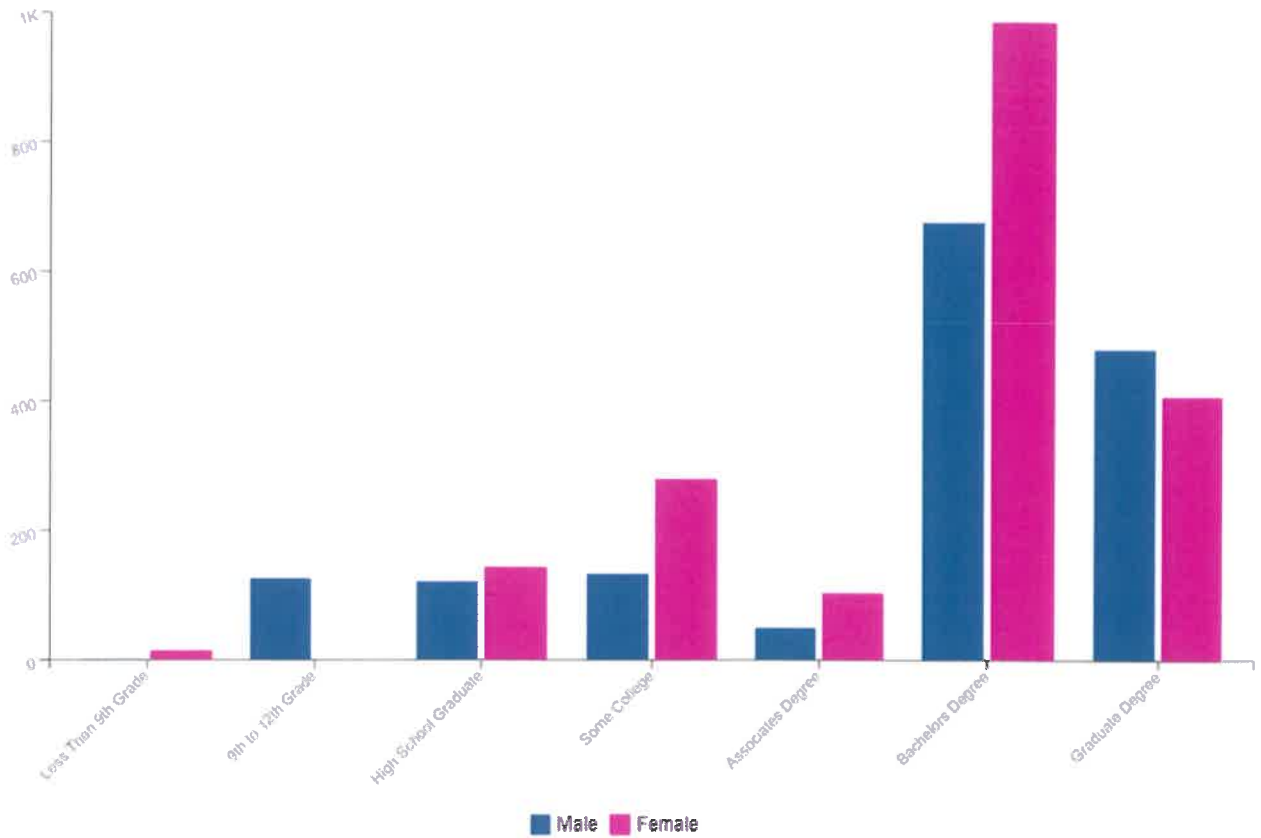
Average Family Size

1.97

Average Household Size

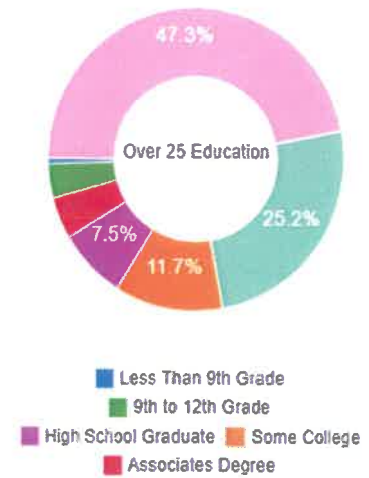
Carmel-by-the-Sea Educational Attainment by Sex (over 25)

Show Source



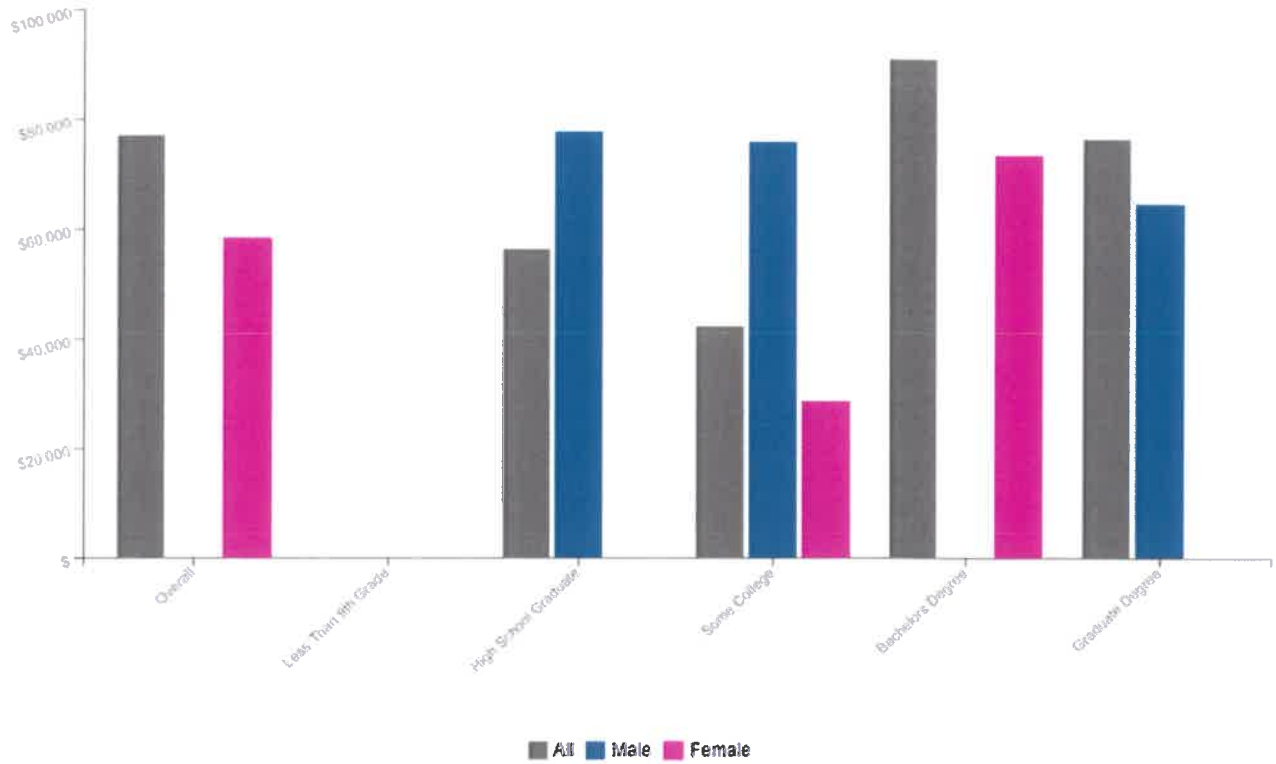
CSV JSON

Education Attained	Count	Percentage
Less Than 9th Grade	14	0.40%
9th to 12th Grade	125	3.57%
High School Graduate	262	7.48%
Some College	410	11.70%
Associates Degree	151	4.31%
Bachelors Degree	1,658	47.30%
Graduate Degree	885	25.25%



Carmel-by-the-Sea Earnings by Educational Attainment

Show Source



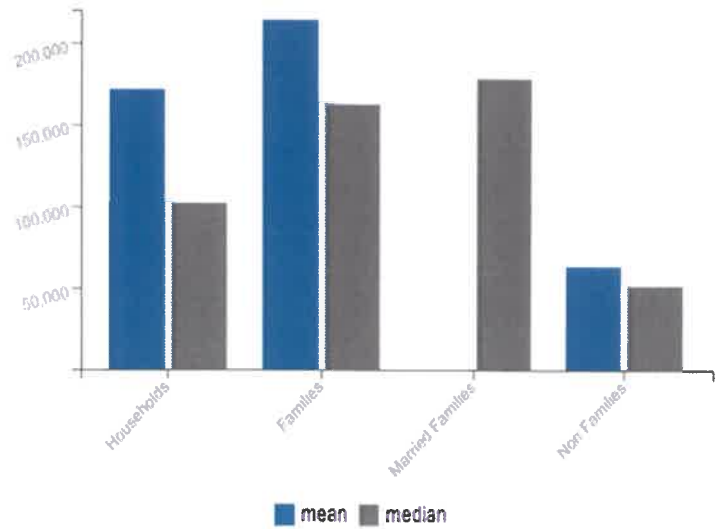
Name	Average	Male	Female	Summary	
				Average Earnings	Average Female
Overall	\$76,977	\$	\$58,261	\$76,977	\$58,261
Less Than 9th Grade	\$	\$	\$	\$	\$
High School Graduate	\$56,250	\$77,632	\$	\$	\$
Some College	\$42,188	\$75,781	\$28,421	\$	\$
Bachelors Degree	\$90,813	\$	\$73,242	\$	\$
Graduate Degree	\$76,310	\$64,500	\$	\$	\$

Carmel-by-the-Sea Income by Household Type

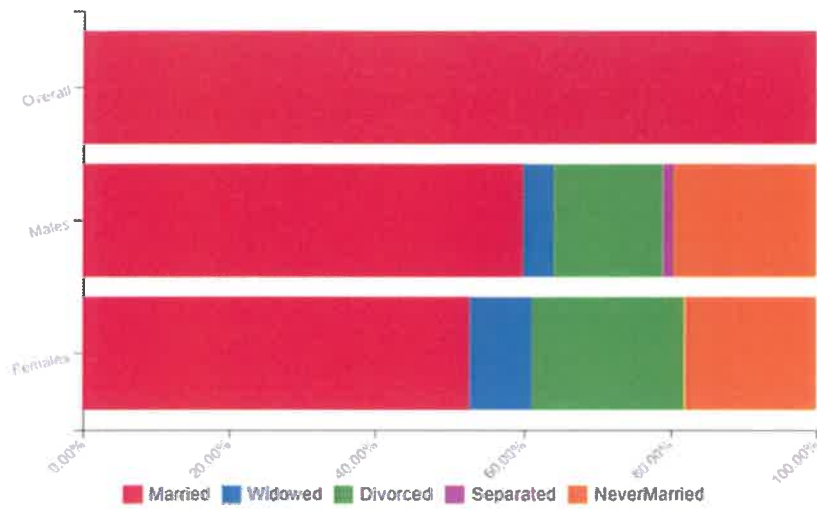


⌵ CSV ⌵ JSON

Name	Median	Mean
Households	\$101,696	\$171,527
Families	\$162,351	\$213,893
Married Families	\$178,044	-
Non Families	\$51,343	\$63,206



Carmel-by-the-Sea Marital Status



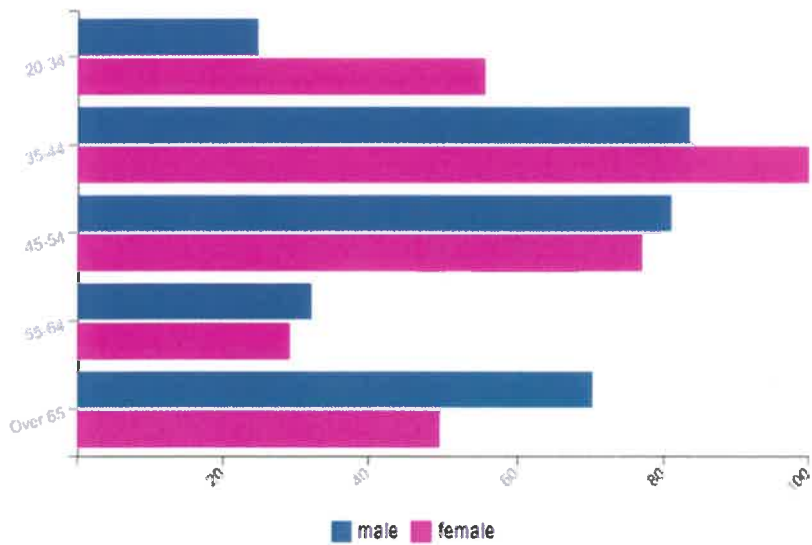
Marriage Rates

56.0%
Overall Marriage Rate

59.9%
Male Marriage Rate

52.8%
Female Marriage Rate

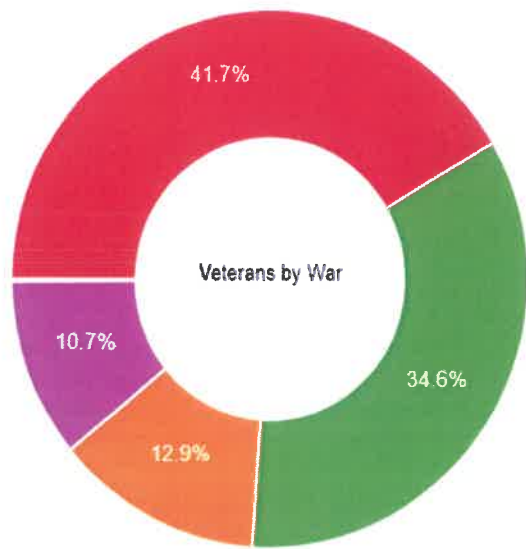
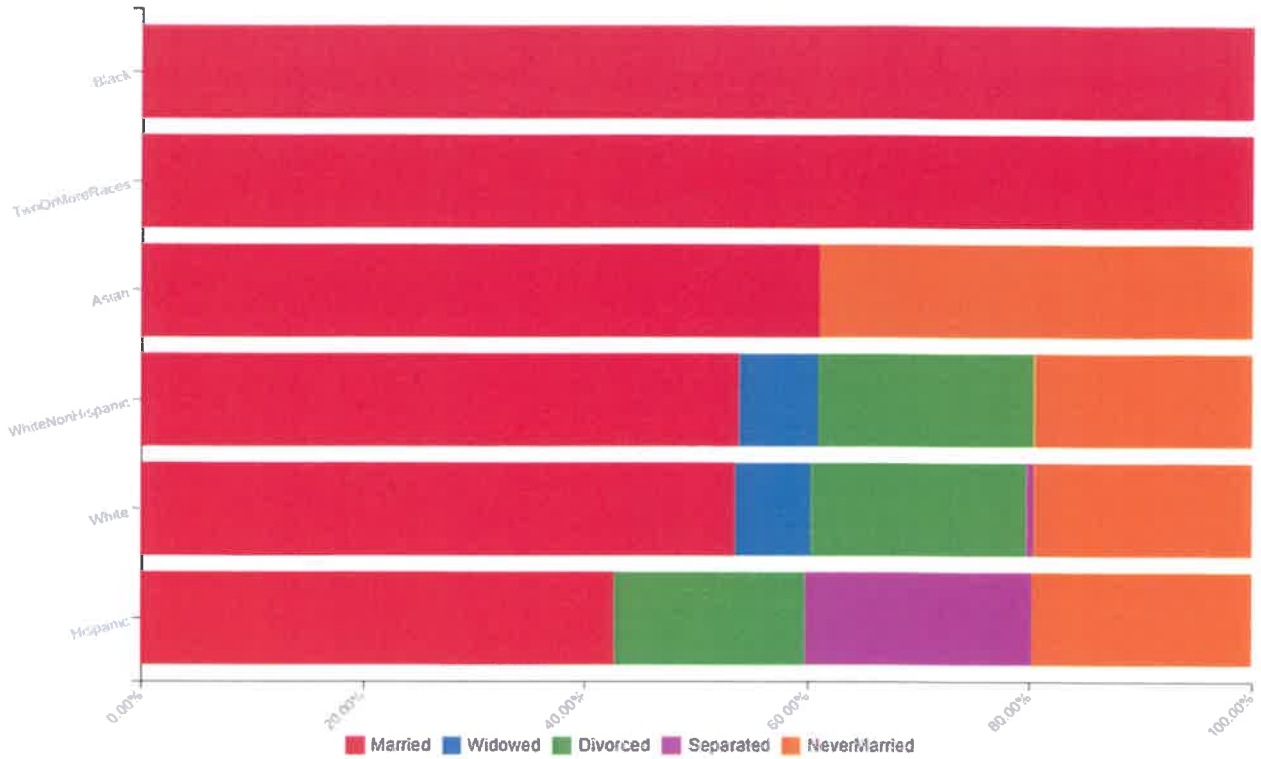
Carmel-by-the-Sea Married by Age and Sex



Carmel-by-the-Sea Marriage

The age group where males are most likely to be married is 35-44, while the female age group most likely to be married is 35-44.

Carmel-by-the-Sea Marital Status by Race



■ Second Gulf War
 ■ First Gulf War
 ■ Vietnam
 ■ Korea
 ■ World War II

491

Number of Veterans

Male Veterans

Female Veterans

[↕ CSV](#)
[↕ JSON](#)

War **Veterans** ▼

First Gulf War 187

Vietnam 155

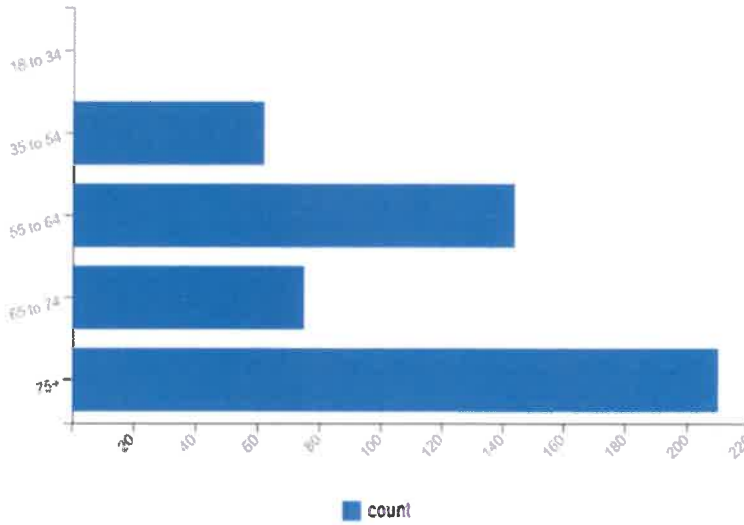
World War II 58

Korea 48

Second Gulf War

Carmel-by-the-Sea Veterans by Age

Show Source



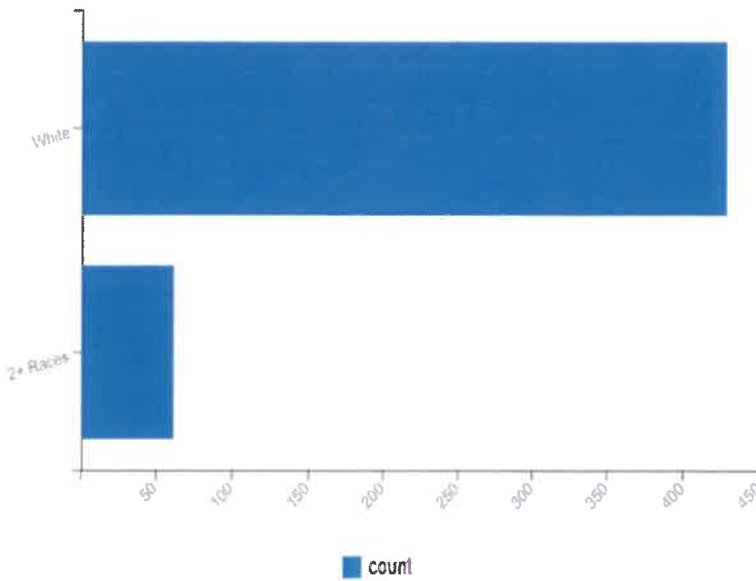
⌵ CSV ⌵ JSON

Age Group	Veterans
75+	210
55 to 64	144
65 to 74	75
35 to 54	62
18 to 34	0

Carmel-by-the-Sea Veterans by Race

Show Source

Percentage **Counts**



⌵ CSV ⌵ JSON

Name	Veterans	% of Total
White	429	13.05%
2+ Races	62	33.88%

Carmel-by-the-Sea Employment by Age

Show Source

Labor Force Participation

Employment Rate

Unemployment Rate

54.8%

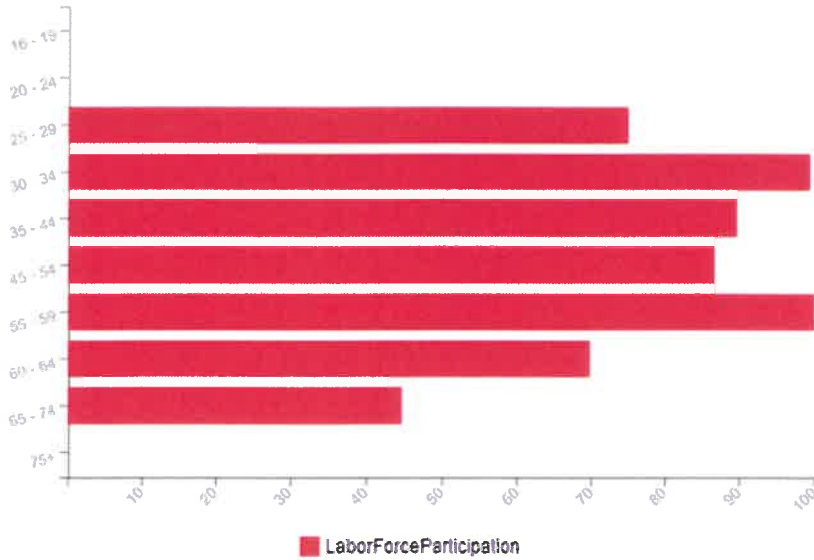
Labor Force Participation

54.7%

Employment Rate

0.1%

Unemployment Rate

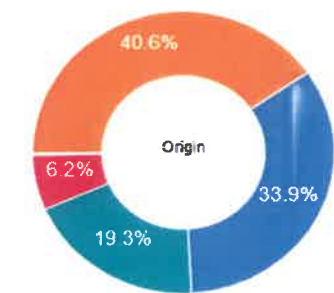


Carmel-by-the-Sea Place of Birth

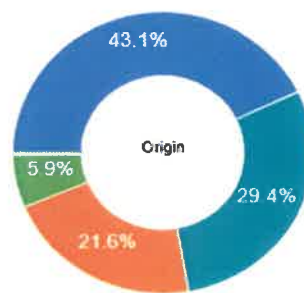
Show Source

Origin of Non-Citizens

Origin of Naturalized Citizens



Legend: Europe, Asia, Africa, Oceania, Latin America, North America



Legend: Europe, Asia, Africa, Oceania, Latin America, North America

Non citizens include legal permanent residents (green card holders), international students, temporary workers, humanitarian migrants, and illegal immigrants.

44.29%

Born in Carmel-by-the-Sea

85.19%

Native Born

14.81%

Foreign Born

9.42%

Non Citizen

5.38%

Naturalized

Place of Birth

85.19% of Carmel-by-the-Sea residents were born in the United States, with 44.29% having been born in California. 9.42% of residents are not US citizens. Of those not born in the United States, the largest percentage are from Europe.

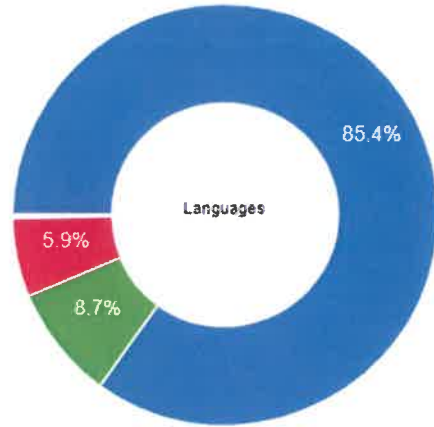
Carmel-by-the-Sea Language by Age

All Ages

5-17

18-64

65+



- Only English
- Spanish
- Other Indo-European Languages
- Asian and Pacific Island Languages
- Other Languages

Carmel-by-the-Sea Language

85.42% of Carmel-by-the-Sea residents speak only English, while 14.58% speak other languages. The non-English language spoken by the largest group is Other Indo-European, which is spoken by 8.73% of the population.

Technical Terms

Technical Terms

Account – A record of a business transaction.

Accounting System – The structure of records and procedures that discovers, records, classifies, summarizes, and reports information on the financial position and results of operations of the District as a governmental entity.

Accrual Basis – The recognition of a revenue or expense in a fiscal year even though the actual cash may not be received or paid until the following year.

Ad Valorem Tax (A/V) - A tax based upon the value of real property.

Adoption – Formal action by the Board of Directors. The adoption of the budget sets the financial framework for subsequent fiscal year(s).

Agency Treatment Charges – Revenues derived from long-term contracts with other entities to whom the District provides sewage treatment, such as Pebble Beach Community Services District and California State Parks at Point Lobos.

Allocation of Expenses – The manner in which revenues and expenses are accounted for in the different service functions of the District. For example: sewage collection, treatment and disposal. This function is further divided into Operations and Maintenance (O&M), Capital Purchases, and Capital Improvement Program (CIP).

Amortization – The spreading out of capital expenses for intangible assets over a specific

period of time (usually over the asset's useful life) for accounting purposes.

Amortization is similar to depreciation, which is used for tangible assets, and to depletion, which is used with natural resources.

Assets – Resources owned by the District

Asset Management – Maintaining a desired level of service for optimal asset performance at the lowest life-cycle cost. Lowest life-cycle cost refers to the best appropriate cost for rehabilitating, repairing or replacing an asset.

Authorized Positions – Number of staff positions authorized for the fiscal year.

Average Dry Weather Flow – The average non-storm flow over 24 hours during the dry months of the year (May through September). It is composed of the average sewage flow and the average dry weather inflow and infiltration.

Biochemical Oxygen Demand – the amount of dissolved oxygen needed (i.e. demanded) by aerobic biological organisms to break down organic material present in in a given water sample at certain temperature over a specific time period. BOD is used as a gauge of the effectiveness of wastewater treatment plants.

Biosolids – Sludge residual from the treatment process.

Budget – The District's financial plan for a given period of time, which includes revenues, expense, and other expenditures

that provide funding for services provided to District customers. It contains an Operating Budget and a Capital Budget.

- **Operating Budget** – The financial plan for non-capital revenues and expenses.
- **Capital Budget** – The financial plan of capital expenditures, part of the long-range plan.

Capital Assets – Assets owned by the District that have a useful life of more than 1 year and a cost of over \$10,000. Capital assets include land, buildings, machinery, equipment, and major improvements and rehabilitation that extend the useful life of an asset by 1 year or more.

Capital Costs – Costs of facility expansion, facility upgrades, major rehabilitation or construction/replacement to extend the useful life of the facility.

Capital Improvement Program (CIP) – Accounts for revenues, capital contributions, and repayments, and allocates designated resources for capital improvements such as construction, purchase of new facilities and equipment, or major reconstruction of existing infrastructure.

Categorically Exempt – types of projects which the Secretary of the Resources Agency has determined do not usually have a significant effect on the environment.

Clean Water Act (CWA) – The primary federal law in the United States governing water pollution. Its objective is to restore and maintain the chemical, physical, and biological integrity of the nation's waters by

preventing point and non-point pollution sources, providing assistance to publicly owned treatment works for the improvement of wastewater treatment, and maintaining the integrity of wetlands.

Cogeneration – Production of energy as a result of utilizing the by-products of the solids treatment process.

Commercial User – All retail stores, restaurants, office buildings, laundries, and other private business and service establishments, including churches and lodges.

Computerized Maintenance Management System (CMMS) – A software package that is used for inventory control, procurement management, fixed asset condition assessment and maintenance repair management. The District uses a CMMS product called MainSaver.

Contingency – Reserves included in each fiscal year budget as an allowance for unanticipated expenses.

Connection Fees – Governed by Ordinance No. 85-2. Connection fees represent one-time contributions of resources to the District, imposed on all new connections to the District. The intent of these fees is to recover the capacity cost of sewer facilities within the existing system.

Cost of Living Adjustment (COLA) – An increase in wage compensation to offset the adverse conditions of inflation on salaries, or a provision for price increases based on the historical index of general inflation. Labor negotiation adjustments are based on the Consumer Price Index-Wage Earners

San Francisco-Oakland Bay Area (CPI-W) for the period of December of the preceding year through December of the current year.

Depreciation – Loss in asset value over the useful life of a capital asset as a result of wear, deterioration, or obsolescence.

District Service Charges – Revenues received from customers for sewer services, under Ordinance No. 2015-01.

Effluent – Treated wastewater.

Enterprise Fund – Accounts for operations and business activities in a manner similar to a private business, where the intent is that the costs of providing services to the general public are recovered primarily through user fees.

Financial Plan – A description the proposed institutional arrangements that will be used to manage the project, and of the amount and sources of funds necessary to finance the District’s share of the project cost and to provide for cash flow during the design and construction periods.

Fiscal Year (FY) – a 12-month financial measurement period between July 1 and June 30.

Fund – A fiscal accounting entity with a self-balancing set of accounts recording cash and other financial resource, liabilities and equity. Funds are segregated based on specific services or objectives in accordance with special regulations, restrictions, or limitations.

Grants – Contributions by other governmental entities or organizations to provide funding for a specific project.

Infiltration: Water other than wastewater that enters a sewer system (including sewer service connections and foundation drains) from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.

Inflow – Water other than wastewater that enters a sewer system (including sewer service connections) from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street was waters, or drainage. Inflow does not include, and is distinguished from infiltration.

Investment Income – Revenues received by the District from investments.

Lift Station – facilities to move wastewater from lower to higher elevation.

Long-Range Plan – The District maintains a long-range Construction Plan. It details planned projects by cost and target year. During each budget cycle, the planned projects for the next 2 years are moved into the budget document and the Board approves necessary funds for their implementation. The plan forecasts both capital project requirements and long-term needs for major repairs and maintenance of the sewer system.

Net Position – The difference between assets plus deferred outflow of resources, and liabilities plus deferred inflow of resources.

Non-operating – Enterprise fund revenues or expenses that are not a result of its primary service activities.

National Pollutant Discharge Elimination System (NPDES) – Introduced in 1972, it is a permit system for regulating point sources of pollution. Point sources may not discharge pollutants to surface waters without a permit from the NPDES system. The system is managed by the United States Environmental Protection Agency (EPA) in partnership with state environmental agencies.

Operating Expenses – Costs incurred by the District in the course of service to customers.

Operating Revenues – Funds received by the District through its normal business operations.

Operation & Maintenance (O&M) – Accounts for revenues and expenses related to the day-to-day operations of sewer services.

Ordinance – A local law set forth by the Board of Directors.

Other or Miscellaneous – Revenues or expenses aggregated on the financial statements for accountability purposes.

Overhead Rates – The purpose of overhead rates is to recover the cost of benefits, non-

productive time, and other resources, such as administration and engineering services.

Overhead Recovery – Revenues from the application of overhead rates to actual staff salaries, for time spent on projects and assignments in renewal and replacement and capital improvement projects.

Permits and Inspection Fees – Fees imposed to cover the cost of issuing sewer permits, inspecting sewer work, and maintaining permanent District records. Those fees are governed by Ordinance No. 85-1.

Proposition 218 – Passed by California voters on November 5, 1996 with effective date of July 1, 1997, it requires local governments to obtain the approval of property owners in a local ballot measure before levying a new or increased tax assessment of those property owners. In 2006, the California Supreme Court ruled that Proposition 218 applies to local water, recycling and sewer charges.

Renewal and Replacement (R&R) – Accounts for revenues and expenses associated with repairs on maintenance of collections and treatment facilities or equipment.

Resolution – A special or temporary order of the Board of Directors. A resolution requires less formality than a statute or ordinance.

Revenues – Income received by providing services, or from investment or other sources.

Sewer Rates – Fees paid by customers for sewer services. The District utilizes a rate model that was designed by the State Water Resources Board and includes components for biochemical oxygen demand (BOD), suspended solids (SS) and flow.

Suspended Solids – Refers to small solid particles which remain in suspension in water as a colloid or due to the motion of the water. It is used as one indicator of water quality.

Common Abbreviations

Acronyms

ACW – Association of California Water Agencies

AF – Acre Feet

APWA – American Public Works Assoc

AWWA – American Water Works Assoc

BFE – Base Flood Elevation (FEMA)

BMP – Best Management Practice

BOD – Biochemical Oxygen Demand

Cal OES – California Office of Emergency Services

CalPERS – California Public Employees Retirement System

CASA – California Association of Sanitation Agencies

CAWD – Carmel Area Wastewater District

CCLEAN – Central Coast Long Term Environmental Assessment Network

CCTV – Closed Circuit Television

CDC – Chlorination/Dechlorination

CEQA – California Environmental Quality Act

CIP – Capital Improvement Projects/Plan

CIPP – Cured in Place Pipe

CIWQS – California Integrated Water Quality System

CMMS – Computerized Maintenance Management Software

CMOM – Capacity, Management, Operations & Maintenance

COD – Chemical Oxygen Demand

CPI – Consumer Price Index

CRFREE – Carmel River Floodplain Restoration & Environmental Enhancement

CRWQCB – California Regional Water Quality Control Board

CSDA – California Special District Association

CWEA – California Water Environment Association

DAF – Dissolved Air Flotation

DO – Dissolved Oxygen

DWF – Dry Weather Flow

EFT – Electronic Funds Transfer

EIS/EIR – Environmental Impact Statement/Report

F/M – Food to Microorganism ratio

FEB – Flow Equalization Basin

FEMA – Federal Emergency Management Agency

FOG – Fats, Oils and Grease

GASB – Government Accounting Standards Board

GIS – Geographic Information System (Mapping)

GPD – Gallons per Day	POTW – Publicly Owned Treatment Works
GPM – Gallons per Minute	PPE – Personal Protective Equipment
HR – Human Resources	PPM – Parts per Million
I/I – Infiltration and Inflow	PS – Pump Station
IRWUG – Independent Reclaimed Water Users Group	PVC – Polyvinyl Chloride
IS/MND – Initial Study/Mitigated Negative Declaration	RFP – Request for Proposals
IT – Information Technology	RMP – Risk Management Program
LAFCO – Local Agency Formation Commission	RO – Reverse Osmosis
LAMP – Local Agency Management Plan	RWQCB – Regional Water Quality Control Board
LF – Linear Feet	SBS – Sodium Bisulfite
LIMS – Laboratory Information Management Software	SCADA – Supervisory Control and Data Acquisition
MF/RO – Microfiltration/Reverse Osmosis	SLR – Sea Level Rise
MG/L – Milligrams per Liter	SOP – Standard Operating Procedure
MGD – Million Gallons per Day	SRV – Sewer Relief Valve
MOU – Memorandum of Understanding	SS – Suspended Solids (same as TSS)
NPDES – National Pollutant Discharge Elimination System	SSMP – Sewer System Management Plan
OM & R – Operations, maintenance and replacement	SSO – Sanitary Sewer Overflow
OSHA – Occupational Safety & Health Act	SWRCB – State Water Resources Control Board
PBC – Pebble Beach Company	TDML – Total Maximum Daily Load
PBCSD – Pebble Beach Community Services District	TDS – Total Dissolved Solids
PEHP – Post Employment Health Plan	VFD – Variable Frequency Drive
	WDR – Waste Discharge Requirements
	WWTP – Wastewater Treatment Plant