

# **Carmel Area Wastewater District**

Carmel, California

## **Annual Financial Report**

*For the Years Ended June 30, 2022 and 2021*



**Carmel Area Wastewater District  
Annual Financial Report  
For the Years Ended June 30, 2022 and 2021**

**Table of Contents**

---

	<u>Page</u>
<b><u>FINANCIAL SECTION</u></b>	
<b>Independent Auditors' Report .....</b>	<b>1</b>
<b>Management's Discussion and Analysis – Required Supplementary Information (Unaudited).....</b>	<b>5</b>
<b>Basic Financial Statements:</b>	
Statements of Net Position .....	18
Statements of Revenues, Expenses, and Changes in Net Position .....	21
Statements of Cash Flows .....	22
Statements of Fiduciary Net Position.....	27
Statements of Changes in Fiduciary Net Position .....	28
Notes to the Basic Financial Statements .....	33
<b>Required Supplementary Information (Unaudited):</b>	
Schedule of Proportionate Share of the Net Pension Liability and Related Ratios – Single Employer Plan .....	69
Schedule of Contributions – Single Employer Plan.....	70
Schedule of Proportionate Share of the Net Pension Liability and Related Ratios – Cost-Sharing Multiple-Employer Plan .....	71
Schedule of Contributions – Cost-Sharing Multiple-Employer Plan .....	72
<b>Other Information (Unaudited):</b>	
Budgetary Comparison Information.....	75
Notes to Budgetary Comparison Schedule.....	76
<b>Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statement Performed in Accordance with <i>Government Auditing Standards</i> .....</b>	<b>77</b>
Schedule of Findings .....	79

*This page intentionally left blank.*



## INDEPENDENT AUDITORS' REPORT



Board of Directors  
Carmel Area Wastewater District  
Carmel, California

### Opinions

We have audited the accompanying financial statements of the business-type activities and the aggregate remaining fund information of Carmel Area Wastewater District (the "District"), as of and for the year ended June 30, 2022, and the related notes to the basic financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate remaining fund information of the District as of June 30, 2022, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

### Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### Emphasis of a Matter

#### *Correction of Errors – Implementation of GASB Statement No. 84*

As discussed in Note 15 to the basic financial statements, the District did not implement GASB Statement No. 84, *Fiduciary Activities*, in fiscal year 2021. Accordingly, a prior period adjustment was made to record the beginning balance of the fiduciary net position of the Pension Trust Fund. Our opinion is not modified with respect to this matter.

### Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### **Auditors' Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with auditing standards generally accepted in the United States of America and *Government Auditing Standards*, we:

- exercise professional judgment and maintain professional skepticism throughout the audit.
- identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### **Required Supplementary Information**

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis, the Schedule of Proportionate Share of the Net Pension Liability and Related Ratios – Single Employer Plan, the Schedule of Contributions – Single Employer Plan, the Schedule of Proportionate Share of the Net Pension Liability and Related Ratios – Cost-Sharing Multiple-Employer Plan, and the Schedule of Contributions – Cost-Sharing Multiple-Employer Plan as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

**Other Information**

Management is responsible for the other information included in the annual report. The other information comprises the Budgetary Comparison Information but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

*2021 Financial Statements*

The District's basic financial statements for the year ended June 30, 2021 were audited by other auditors whose report thereon dated October 1, 2021, expressed an unmodified opinion.

**Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated December 14, 2022 on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

A handwritten signature in black ink that reads "The PwC Group, LLP". The signature is written in a cursive, professional style.

San Diego, California  
December 14, 2022

*This page intentionally left blank.*



**Carmel Area Wastewater District**  
**Management's Discussion and Analysis (Unaudited)**  
**June 30, 2022**

---

The following discussion and analysis are supplementary information required by the Governmental Accounting Standards Board (GASB) and is intended to provide an easily readable explanation of the information provided in the attached basic financial statements for the fiscal year ended June 30, 2022. We encourage readers to read the information presented here in conjunction with our financial statements, which follow this narrative.

**Financial Highlights**

Key financial highlights for 2021-22 are as follows:

- The District's net position increased by 6.5% or \$6.1M to \$100.8M. Total Operating revenues increased 2.6% or \$293K over the prior year and is 11.6% over budget. Sewer user fees, the District's primary source of operating revenue, increased 3.3% or \$296K over the prior year. The rate model projected a 3.02% increase in residential rates – overwhelmingly the District's largest user category. The increases are reflective of the District's continued efforts to fund its capital improvement and rehabilitation efforts. Pebble Beach Community Services District (PBCSD) treatment fees decreased by 6.1% or \$98K from the prior year. Flow from Del Monte Forest increased to 32.7% compared with 30.6% in 2020-21. Reimbursement from the Reclamation Project for O&M expenses increased 7.5% or \$53K.
- Total non-operating revenues increased 1.2% or \$48.3K over the prior year; and was 12.8% or \$619.1K under budget. Property tax revenue increased 5.9% or \$137.5K over the prior year. Investment income decreased 39.3% or \$125.6K over the prior year because interest rates were extraordinarily low. Reimbursement of capital costs from PBCSD increased 621%% or \$978K and from Reclamation it increased 392% or \$64K as projects previously deferred were completed.
- Total operating expenses (excluding depreciation) decreased 27.3% or \$1.8K over the prior year reflecting continued focus on rehabilitation, focus on building COVID-19 protection into the workplace, as well as the effects of inflation and tariffs.
- Non-operating expenses decreased 24.1% or \$11K from the prior year due to persistent lower interest and fiscal expenses.
- Total Current Assets increased 5.0% or \$2.1M over the prior year. This was primarily due to an increase in cash and investments of \$1.1M and accounts receivable of \$947K.
- Total Current Liabilities decreased 6.5% over the prior year primarily due to a decrease in Accounts Payable-trade. Trade payables are down primarily due to timing issues. The Deposit account represents CCLEAN program revenue collected in advance from participants – the District became lead agency effective July 1, 2017.

**Carmel Area Wastewater District**  
**Management's Discussion and Analysis (Unaudited) (Continued)**  
**June 30, 2022**

---

**Overview of the Financial Statements**

This annual report consists of three parts – management's discussion and analysis (*this section*), the basic financial statements, and other supplementary information. The Financial Statements include Notes which explain in detail some of the information included in the basic financial statements. They are followed by a section of *Supplementary Information* that further explains and supports information in the financial statements.

**Required Financial Statements**

This discussion and analysis are intended to serve as an introduction to the District's basic financial statements. The District's basic financial statements consist of three components:

- The *Statements of Net Position* present information on all the District's assets and liabilities, with the difference between the two reported as net position.
- The *Statements of Revenue, Expenses, and Changes in Net Position* present information showing how the District's net position changed during the two most recent fiscal years.
- The *Statements of Cash Flows* present information showing how the District's cash position changed during the two most recent fiscal years. It shows the sources and uses of cash.

The District's financial statements utilize the full accrual basis of accounting whereby revenue is recognized when it is earned, and expenses are recognized as they are incurred. The District's accounting methods follow accounting principles generally accepted in the United States and as applied to governmental enterprise funds.

The District has fiduciary responsibility over one private purpose trust fund, The Carmel Area Wastewater District Pension Plan and Trust, which we have also included financial statement for.

The Notes to the basic financial statements provide additional information that is essential to a full understanding of the data provided in the financial statements. In addition to the financial statements and accompanying notes, this report also presents certain required supplementary information concerning the District's net pension liability for its employees.

**Financial Analysis of the District**

The Statements of Net Position and the Statements of Revenue, Expenses and Changes in Net Position provide an indication of the District's financial condition. The District's net position reflects the difference between assets and liabilities. An increase in net position over time typically indicates an improvement in financial condition.

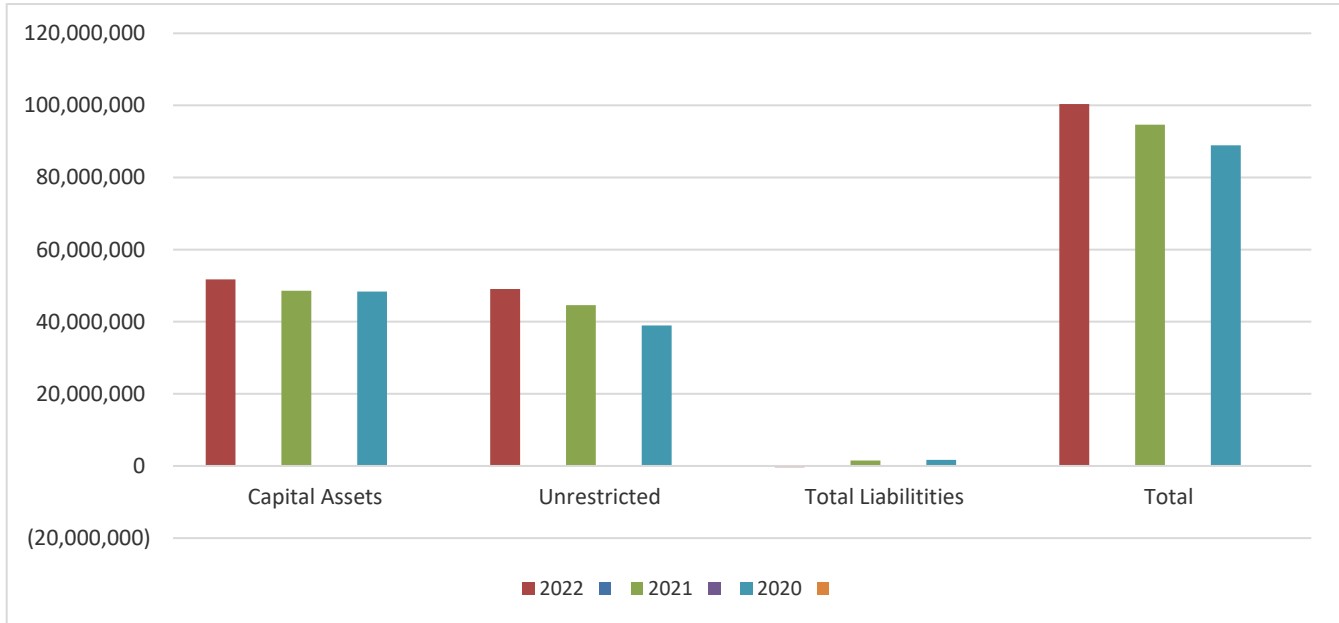
**Carmel Area Wastewater District**  
**Management's Discussion and Analysis (Unaudited) (Continued)**  
**June 30, 2022**

A summary of net position is presented below:

	2022	2021	2020
<b>Assets</b>			
Current Assets	46,079,198	43,892,010	39,019,453
Capital Assets net of depreciation	52,311,915	49,328,863	49,271,695
<b>Total Assets</b>	<b>\$ 98,391,113</b>	<b>\$ 93,220,873</b>	<b>\$ 88,291,148</b>
Restricted Cash	445,210	-	-
Deferred Outflow of Resources	1,995,005	1,419,193	628,060
<b>Total Assets &amp; deferred outflow of resources</b>	<b>\$ 100,831,328</b>	<b>\$ 94,640,066</b>	<b>\$ 88,919,208</b>
<b>Liabilities</b>			
Current Liabilities	944,872	1,010,799	907,793
Long-term vac/sick pay	205,621	210,858	184,108
Net pension liability	(3,232,562)	(1,271,226)	(414,355)
Long-term debt	400,000	585,000	760,000
<b>Total Liabilities</b>	<b>\$ (1,682,069)</b>	<b>\$ 535,431</b>	<b>\$ 1,437,546</b>
<b>Deferred Inflow of Resources</b>	<b>1,294,677</b>	<b>948,524</b>	<b>213,513</b>
<b>Total Liabilities &amp; Deferred Inflow</b>	<b>\$ (387,392)</b>	<b>\$ 1,483,955</b>	<b>\$ 1,651,059</b>
<b>Net Position</b>			
Invested in capital assets, net of related debt	51,726,915	48,568,863	48,341,695
Restricted	445,210	-	-
Unrestricted	49,046,595	44,587,248	38,926,454
<b>Total net position</b>	<b>\$ 101,218,720</b>	<b>\$ 93,156,111</b>	<b>\$ 87,268,149</b>
<b>Total Liabilities &amp; Net Position</b>	<b>\$ 100,831,328</b>	<b>\$ 94,640,066</b>	<b>\$ 88,919,208</b>

**Carmel Area Wastewater District  
Management’s Discussion and Analysis (Unaudited) (Continued)  
June 30, 2022**

**CAWD Net Position Comparison June 30, 2020 to 2022**



The District’s cash balances are segregated by purpose, as approved by the Board, as follows:

<u>Designation of Cash Balances</u>	<u>Amount</u>
Capital Reserves	\$ 21,202,572
Current Year O&M (2021-22)	12,901,416
Current Year Capital (2021-22)	4,162,121
LAIF Investment Fund	1,198,228
Defend or Managed Retreat Reserve	4,000,000
Compensated Accruals Fund	274,162
Total	<u>\$ 43,738,499</u>

After formally accepting the asset management plan prepared for the Treatment plant in April 2013, the District moved forward with implementation of the first phase. The original plan estimated the District will need to spend \$30M over the next fifteen years on plant rehabilitation – this is exclusive of engineering costs and construction management. The District has subsequently carried the long term plan out each year to maintain the fifteen-year time horizon. In 2021 the District released a bid for the second phase of our Treatment Plant rehabilitation. We anticipate that it will construction will cost \$8M and will be completed in 2023. This second phase represents the final large construction effort at the plant for the next twenty-five years. There will be smaller projects, but we are not anticipating anything as large as the initial two phases. The long-range total required for the treatment plant remains \$15M over the next twenty years after the second phase is complete.

**Carmel Area Wastewater District  
Management's Discussion and Analysis (Unaudited) (Continued)  
June 30, 2022**

The District maintains a long-term capital plan for both the treatment facility and the collection system. West Yost Associates was engaged to complete an Asset Management Study for the collection system like the work that was completed for the Treatment Plant in 2013. West Yost also completed a hydraulic model of the collection system to assist in planning for growth and maintenance of the existing system. The State General Waste Discharge Requirements for Sanitary Sewer Systems (Order No. 2006-0003) requires that we establish a proactive approach to ensure that a system-wide operation, maintenance, and management plan is in place to reduce the number and frequency of sanitary sewer overflows. We are working to build long-term resiliency into our system.

A summary of Changes in Net Position is presented below:

	2022	2021	2020
Changes in Net Position:			
Operating revenues	\$ 11,729,864	\$ 11,436,530	\$ 10,956,640
Nonoperating revenues	4,208,357	4,160,041	3,675,149
Total revenues	15,938,221	15,596,571	14,631,789
Operating expenses	4,950,753	6,809,344	7,136,802
Nonoperating expenses	36,538	48,158	55,226
Depreciation expense	2,888,321	2,851,107	2,394,327
Total expenses	7,875,612	9,708,609	9,586,355
Income before Cap Contributions	8,062,609	5,887,962	5,045,434
Capital Contribution	-	-	-
Change in net position	8,062,609	5,887,962	5,045,434
Net position, beginning	\$ 93,156,111	\$ 87,268,149	\$ 82,222,715
Restatements			
Net position, ending	\$ 101,218,720	\$ 93,156,111	\$ 87,268,149

The District's strategy for rate-setting has consistently been to cover all operating expenses with operating revenue and to utilize non-operating revenue (i.e., property taxes and interest revenues) to cover capital and other non-operating expenses. The District does not factor depreciation into its rate structure. Starting in 2012-13 we entered funding for Capital Replacement into our rate model, gradually building to \$2.275 per year in 2021-22. This funding combined with our property tax revenue means that the District has over \$3.7M coming for capital replacement and rehabilitation annually. We have a long-term capital plan for the treatment plant of roughly \$25M over the next 15 years and for the collection system of roughly \$62M over the next 20 years. And there is one more piece to our long-term plan: sea level rise. We have established a dedicated reserve to fund sea level rise mitigation that may range from simple water proofing efforts to moving facilities. We believe we have another 40 years at our current location. We believe our future depends very much on the planning we are doing now.

**Carmel Area Wastewater District**  
**Management’s Discussion and Analysis (Unaudited) (Continued)**  
**June 30, 2022**

---

The District’s net position increased by \$8.0M or 8.7% and there was an increase in Income before Capital Contributions of 36.9% or \$2.1M. Operating revenues increased 2.6%% or \$293K and nonoperating revenues increased 1.2% or \$48K. Operating Expenses decreased 27.3% or \$1.8MK and Nonoperating expenses decreased 24.1% or \$11K.

The District’s operations continue to be strong enough to support our plan to “pay-as-you-go” for our Treatment Plant Rehabilitation. We intend to utilize “pay-as-you-go” for the \$10M Electrical/Mechanical Rehab and Sludge Holding Tank project at the Treatment Plant. The District has committed to spending roughly an additional \$3.5M per year to upgrade the collection system. We believe we are positioned to pay cash for the first five years of our Collection System long term plan at \$3.5M per year for replacement line projects. We may have to increase that to meet external pressures to upgrade the system more quickly. However, for the short term, we see paying cash as offering greater freedom. While it offers greater freedom to plan and build what we want and need, it does require considerable planning. We recognize that we may not be able to continue to pay cash indefinitely; but our Board of Directors has taken the position for now of not taking on debt.

**Capital Assets Activity**

This year, we continued to work on the Mechanical/Electrical Upgrade and Sludge Holding Tank project at the treatment plant. The project represents work at various areas around the facility to modernize areas that were not touched in Phase I. It includes replacement of the motor control center (MCC) at the influent building and with replacement of one pump with two smaller pumps, replacement of the MCC at the headworks, chlorine analyzer bldg., and effluent building. It also included demolition of the old digester tanks and replacement with one concrete sludge holding tank. Once this project is complete the long term plan does not anticipate any capital project at the treatment facility in excess of \$2M. We will continue to analyze the issues related to sea level rise; however, the capital project focus will likely pivot to the collection system.

The Collection system completed a significant pipeline project this year – the relocation of the line running through Rancho Canada. The project entailed the relocation of an existing sewer trunkline that serves the eastern-most part of the District and is located within the Regional Park at Rancho Canada. The alignment of the trunkline followed a farm road that no longer exists. The manholes were difficult to access and come had been covered by structures and soil. Staff approached the Regional Park District with plans to realign the pipeline to a more accessible location that will be incorporated into the future park design. The project included roughly 1,900 ft of pipe replacement and 6 manholes. It turned into an even more complex project because a small portion of the line traversed land that now belongs to the Santa Lucia Preserve.

A second minor line project was completed at Dougherty Place due to the report of a sinkhole caused by the sewer. Staff investigated and found the owner had built a wall that likely shifted the ground causing a leak in the sewer. Staff repaired and replaced this project on an emergency basis and reconnected four homes on the downhill side of the sinkhole.

2021-22 significant asset additions include:

- |  |              |
|--|--------------|
| • Upper Rancho Canada Pipe relocation          | \$ 2,073,731 |
| • Microturbine gas conditioning system upgrade | \$ 97,904    |
| • Dougherty Place Emergency repair             | \$ 87,412    |

**Carmel Area Wastewater District  
Management's Discussion and Analysis (Unaudited) (Continued)  
June 30, 2022**

---

**Debt Service Activity**

In 2004, the District entered into an agreement with the Highlands Inn, the Tickle Pink Inn and the Highlands Sanitary Association to manage and obtain the necessary financing for them to construct a pipeline and connect to the District's treatment and collection facilities. The District received \$3,000,000 in the form of a 20-year bond issue as part of a pooled financing arrangement with the California Statewide Communities Development Authority Water & Wastewater Revenue Bonds, Series 2004A. In 2021 the District made a principal payment on the bond of \$175,000 and \$26,512 in interest. Prior year 2020 principal payment was \$170,000 with \$44,362 in interest. The Highlands Project bond is the District's only outstanding bond obligation; the District had no debt service obligations prior to 2004.

All debt service interest and principal payments are being repaid by the parties that benefit directly from the obligation. The Highlands Project Bond obligation is fully reimbursed by the Highlands Inn, the Tickle Pink Inn, and the Highlands Sanitary Association. The final principal payment is due October 1, 2024.

**Budget Highlights/Variations**

An annual budget is adopted by the CAWD Board of Directors each spring for the subsequent fiscal year. Budget information is reported to the Board, and adjustments to the budget may only be made by resolution of the Board.

Like the rest of the nation, the District started to loosen COVID restrictions in 2022. We found ourselves dealing with inflation and long wait times for equipment and supplies. Nonetheless, we continued operations without any overflows or serious permit violations.

- Sewer service fees were 3.4% or \$293K over budget – the rate model provided for an additional \$2.2M to be allocated for future capital expenses.
- PBCSD treatment fees were 19.2% or \$222K over budget because of the increase in Treatment Plant expenses for continued rehabilitation of the plant and economic impact of inflation. Flow from PBCSD decreased to 32.7% of total plant inflows compared to 30.6% of total inflows to the plant last year.
- Total Operating revenues were 6.8% over budget in total – attributable primarily to user fees and PBCSD treatment fees.
- Maintenance was 18.6% or \$313K under budget. Salaries were 2.0% under budget and benefits were 23.9% under budget. Operating supplies were 15.2% under budget or \$8K, contract services were 31.7% under budget or \$189K, and repairs and maintenance 21.9% under budget or \$49K. The District continued its efforts at plant rehabilitation in-house, but projects were delayed because COVID-19. Our efforts focused on keeping the facility running with limited staff rather than improvements.
- Collections department was 11.3% or \$228K under budget. In order to meet the requirements of River Watch Settlement Agreement the Board approved hiring a term limited employee to assist. The department is committed to completing a complete closed circuit television review of the District along with an assessment of all manholes.
- The Treatment Plant was 14.9% under budget or \$835K. The treatment facility managed to keep on track with their planned budget but to also manage the Reclamation facility with little budgetary impact from COVID-19.
- General & Administrative Expenses were 5.8% under budget or \$71K. Salaries were 7.4% over budget or \$45K.

**Carmel Area Wastewater District  
Management's Discussion and Analysis (Unaudited) (Continued)  
June 30, 2022**

---

- Property tax revenue was 14.9% over budget or \$313K. The budget employed a conservative factor of 2.0% to estimate revenue, although 2.5% to 3.0% is common and the number of residential property sales in the District soared during COVID.
- Investment revenue was 59.9% under budget or \$269K. Yield on funds held on deposit at the County were exceptionally low throughout the year.
- PBCSD capital reimbursements were 100% under budget or \$1.7M because capital project did not materialize during the year.

**Other Significant Matters**

- This was the first year of a two-year employee contract. The District agreed to award a 3.8% COLA for 2021-22. For fiscal year 2022-23 the agreement was per the posted CPI for San Francisco-Oakland-Hayward, which turned out to be 6.0%. Negotiations for the next two-year contract will begin in the fall of 2023.
- The Carmel River Free Project (CRFree) is still slowly progressing – we are waiting for FEMA approval of funding to proceed. We are still negotiating with the Monterey County for a Memorandum of Understanding on conditions for funding and reporting on our part of the CRFree project. We anticipate construction to begin in 2024.
- The District was served with a violation letter from California River Watch in January 2020. We negotiated an agreement by April 2020 that included a series of requirements, including a complete CCTV of all District lines and assessment of manholes within the next 3 years. In addition, the District was assessed \$23K by River Watch to settle out of court. We are currently trying to meet all River Watch requirements and have hired staff to enable us to meet the goals. We anticipate completing the required tasks and submitting a report on time.

**Economic Factors and Next Year's Budget and Rates**

The District continued to be affected by COVID-19. Although Monterey County, like the rest of the state has lifted many of the restrictions, we continued to practice COVID safety and encourage employees to do the same. As a result we have fared relatively well; however, we continue to have random cases of COVID pop up among staff.

After two years of keeping use fees artificially low to assist the public during COVID, for fiscal year 2022-23 we returned to the rates predicted by our model. It was always our intention to return to our normal rate setting process after COVID.

Sea Level Rise continues to be a great concern for the District. We began working with a consultant to assist us in coming up with a conceptual plan for moving the facility. While our Sea Level Rise Study indicates we should have about 40 years at our present location, we are very much aware that is a finite amount of time.



**Carmel Area Wastewater District**  
**Management's Discussion and Analysis (Unaudited) (Continued)**  
**June 30, 2022**

---

We continue to be keenly aware of the necessary funding to keep our current facility operational at its current location, to upgrade our collection system over the next twenty years, and to move the treatment plant. While it has been suggested to us that we do not need to set funds aside, we have committed to a conservative approach. Our goal is to fund the current facilities and collection system upgrades on a pay-as-you-go basis so as not to incur any debt prior to the anticipated move out of the Carmel Lagoon. We are also attempting to have 20-25% of the local match funded. We recognize; and will certainly make every effort to take advantage of, grant funding available. But we also know that grant funding is not always 100%. We think preparation now will enable us to transition much more smoothly in the future.

Considering the impacts of the pandemic, River Watch, climate change, and sea level rise we feel the District is in relatively good financial shape. The challenges we face are significant, but the District has a long history of planning for the future to make sure the community is well served. Over 63% of the District's user fee revenue is derived from residential fees which provides for a solid base, subject to minimal economic volatility. Another 13.9% of District operating revenues are received from Pebble Beach Community Services District (PBCSD) for the treatment of its sewage. Property tax revenues comprise 55% of our nonoperating income and have proven to be stable and increase 1% annually. Going forward we are closely watching inflation and its impact on vendor price increases.

**Requests for Information**

This financial report is designed to provide an overview of the District's finances for those with an interest in this area. Questions concerning any of the information found in this report or requests for additional information should be directed to James Grover, Principal Accountant, P.O. Box 221428, Carmel, CA 93922 or grover@cawd.org.

*This page intentionally left blank.*

## **BASIC FINANCIAL STATEMENTS**

*This page intentionally left blank.*

## **PRIMARY GOVERNMENT**

**Carmel Area Wastewater District**  
**Statements of Net Position**  
**June 30, 2022 and 2021**

	Business-Type Activities	
	2022	2021
<b>ASSETS</b>		
Current assets:		
Cash and investments (Note 4)	\$ 43,738,499	\$ 42,634,066
Accounts receivable - trade (Note 5)	136,302	146,198
Accounts receivable - affiliates (Note 5)	1,537,442	590,866
Prepaid expenses	666,955	520,880
Total current assets	46,079,198	43,892,010
Noncurrent assets:		
Capital assets (Note 6):		
Capital assets - not being depreciated	5,472,948	1,942,127
Capital assets - being depreciated, net	46,838,967	47,386,736
Capital assets, net	52,311,915	49,328,863
Net pension asset (Note 11)	2,106,925	1,271,226
Restricted investment in Section 115 Trust (Note 4)	445,210	-
Total noncurrent assets	54,864,050	50,600,089
<b>Total assets</b>	<b>100,943,248</b>	<b>94,492,099</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Pension-related deferred outflows of resources (Note 11)	2,437,697	1,419,193
<b>Total deferred outflows of resources</b>	<b>2,437,697</b>	<b>1,419,193</b>

(Continued)

**Carmel Area Wastewater District**  
**Statements of Net Position (Continued)**  
**June 30, 2022 and 2021**

	Business-Type Activities	
	2022	2021
<b>LIABILITIES</b>		
Current liabilities:		
Accounts payable - trade	591,292	692,302
Accrued bond interest	7,678	9,975
Unearned revenue	92,361	63,236
Current portion of long-term debt (Note 8)	185,000	175,000
Current portion of compensated absences (Note 9)	68,541	70,286
Total current liabilities	944,872	1,010,799
Noncurrent liabilities:		
Long-term debt, net of current portion (Note 8):		
Revenue bonds	400,000	585,000
Total long-term debt, net of current portion	400,000	585,000
Compensated absences, net of current portion (Note 9)	205,621	210,858
Total noncurrent liabilities	605,621	795,858
<b>Total liabilities</b>	1,550,493	1,806,657
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Pension-related deferred inflows of resources (Note 11)	536,504	948,524
<b>Total deferred inflows of resources</b>	536,504	948,524
<b>NET POSITION</b>		
Net investment in capital assets	51,726,915	48,568,863
Restricted for:		
Pension contributions	445,210	-
Unrestricted	49,121,823	44,587,248
<b>Total net position</b>	\$ 101,293,948	\$ 93,156,111

(Concluded)

*This page intentionally left blank.*



**Carmel Area Wastewater District**  
**Statements of Revenues, Expenses and Changes in Net Position**  
**For the Years Ended June 30, 2022 and 2021**

	Business-Type Activities	
	2022	2021
<b>OPERATING REVENUES</b>		
Sewer service fees	\$ 9,137,535	\$ 9,057,017
Treatment fees, PBCSD	1,499,575	1,597,608
Reclamation Project operating reimbursements	760,384	707,308
Liquid food waste fees	2,211	4,924
Brine disposal fees	103,353	86,488
Other operating revenues	126,154	98,248
<b>Total operating revenues</b>	<b>11,629,212</b>	<b>11,551,593</b>
<b>OPERATING EXPENSES</b>		
Maintenance	1,033,595	1,344,870
Collection	1,090,720	1,367,706
Treatment and disposal	1,263,306	2,326,152
Administration	823,525	1,128,812
Reclamation Project expenses	659,783	624,870
Waste to energy costs	1,929	13,805
Brine disposal costs	2,667	3,129
Depreciation	2,888,321	2,851,107
<b>Total operating expenses</b>	<b>7,763,846</b>	<b>9,660,451</b>
<b>Operating income</b>	<b>3,865,366</b>	<b>1,891,142</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>		
Property tax revenue	2,433,667	2,296,166
Investment earnings	193,608	319,244
Highlands Sewer Project assessment	100,652	103,999
PBSCD capital cost reimbursements	1,135,075	157,306
Reclamation Project capital cost reimbursements	80,803	16,418
Intergovernmental	318,372	1,094,012
Other nonoperating revenue	46,832	57,833
Interest and fiscal expenses	(34,310)	(45,396)
Other nonoperating expenses	(2,228)	(2,762)
<b>Total nonoperating revenues (expenses)</b>	<b>4,272,471</b>	<b>3,996,820</b>
<b>Changes in net position</b>	<b>8,137,837</b>	<b>5,887,962</b>
<b>Net position, beginning of year</b>	<b>93,156,111</b>	<b>87,268,149</b>
<b>Net position, end of year</b>	<b>\$ 101,293,948</b>	<b>\$ 93,156,111</b>

See accompanying Notes to the Basic Financial Statements.

**Carmel Area Wastewater District**  
**Statements of Cash Flows**  
**For the Years Ended June 30, 2022 and 2021**

	Business-Type Activities	
	2022	2021
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Receipts from customers	\$ 10,721,656	\$ 11,592,070
Payments for operating supplies	(3,379,379)	(2,915,386)
Payments for employee wages, benefits, and related costs	(4,016,435)	(4,964,035)
<b>Net cash provided by operating activities</b>	<b>3,325,842</b>	<b>3,712,649</b>
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>		
Property tax revenue	2,433,667	2,296,166
Highlands Sewer Project revenue	100,652	103,999
<b>Net cash provided by noncapital financing activities</b>	<b>2,534,319</b>	<b>2,400,165</b>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>		
Acquisition and construction of capital assets	(5,872,730)	(2,908,275)
Proceeds from capital grant	318,372	1,094,012
Reimbursements for capital projects	1,215,878	173,724
Principal paid on long-term debt	(175,000)	(170,000)
Interest paid on long-term debt	(35,250)	(47,627)
Other nonoperating revenue	46,832	57,833
Other nonoperating expenses	(2,228)	(2,762)
<b>Net cash (used in) capital and related financing activities</b>	<b>(4,504,126)</b>	<b>(1,803,095)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Interest received on investments	193,608	319,244
<b>Net cash provided by investing activities</b>	<b>193,608</b>	<b>319,244</b>
<b>Net increase in cash and cash equivalents</b>	<b>1,549,643</b>	<b>4,628,963</b>
<b>Cash and cash equivalents, beginning of year</b>	<b>42,634,066</b>	<b>38,005,103</b>
<b>Cash and cash equivalents, end of year</b>	<b>\$ 44,183,709</b>	<b>\$ 42,634,066</b>
<b>FINANCIAL STATEMENT PRESENTATION</b>		
<b>Cash and cash equivalents</b>		
Current assets:		
Cash and cash equivalents	\$ 43,738,499	\$ 42,634,066
Noncurrent assets:		
Restricted cash	445,210	-
<b>Total cash and cash equivalents</b>	<b>\$ 44,183,709</b>	<b>\$ 42,634,066</b>

(Continued)

**Carmel Area Wastewater District**  
**Statements of Cash Flows (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

	Business-Type Activities	
	2022	2021
<b>RECONCILIATION OF OPERATING INCOME TO</b>		
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES:</b>		
Operating income	\$ 3,865,366	\$ 1,891,142
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	2,888,321	2,851,107
Changes in operating assets and liabilities:		
(Increase)/Decrease in assets:		
Accounts receivable - trade	9,896	2,330
Accounts receivable - affiliates	(946,576)	225,705
Prepaid expenses	(146,075)	(471,629)
Net pension liability (asset)	(835,699)	(856,891)
Deferred outflows of resources from pensions	(1,018,504)	(791,133)
Increase (Decrease) in liabilities:		
Accounts payable - trade	(101,010)	278,878
Unearned revenue	29,125	59,026
Deposits payable	-	(246,584)
Compensated absences	(6,982)	35,667
Deferred inflows of resources from pensions	(412,020)	735,031
<b>Net cash provided by operating activities</b>	<b>\$ 3,325,842</b>	<b>\$ 3,712,649</b>

(Concluded)

*This page intentionally left blank.*

**FIDUCIARY FUND FINANCIAL STATEMENTS**

*This page intentionally left blank.*

**Carmel Area Wastewater District**  
**Statements of Fiduciary Net Position**  
**June 30, 2022 and 2021**

<b>ASSETS</b>	<b>Pension Trust Fund</b>	
	<b>2022</b>	<b>2021</b>
Cash and cash equivalents	\$ 132,727	\$ 310,883
Investments, at fair value:		
Bond funds	1,372,916	2,474,335
Mutual funds	4,099,945	3,865,261
Total investments	5,472,861	6,339,596
Receivables:		
Participant loans receivable	2,594	9,600
Total receivables	2,594	9,600
<b>Total assets</b>	<b>5,608,182</b>	<b>6,660,079</b>
<b>LIABILITIES</b>		
Accounts payable	2,594	9,600
<b>Total liabilities</b>	<b>2,594</b>	<b>9,600</b>
<b>NET POSITION</b>		
<b>Net position restricted for plan benefits</b>	<b>\$ 5,605,588</b>	<b>\$ 6,650,479</b>

**Carmel Area Wastewater District**  
**Statements of Changes in Fiduciary Net Position**  
**For the Years Ended June 30, 2022 and June 30, 2021**

	<b>Pension Trust Fund</b>	
	<b>2022</b>	<b>2021</b>
<b>ADDITIONS:</b>		
Contributions:		
Employee	\$ 7,581	\$ 7,636
Total contributions	<u>7,581</u>	<u>7,636</u>
Investment income (loss):		
Dividends and interest	310,642	173,744
Realized gains (losses) on investments	(39,070)	836,698
Unrealized gains (losses) on investments	(1,148,748)	378,919
Miscellaneous	62,950	-
Total investment income (loss)	<u>(814,226)</u>	<u>1,389,361</u>
Investment expense	<u>(18,934)</u>	<u>(18,934)</u>
Net investment income (loss)	<u>(833,160)</u>	<u>1,370,427</u>
<b>Total additions to fiduciary net position</b>	<b><u>(825,579)</u></b>	<b><u>1,378,063</u></b>
<b>DEDUCTIONS:</b>		
Distributions to participants	173,066	173,066
Trustee fees	<u>46,246</u>	<u>42,135</u>
<b>Total deductions from fiduciary net position</b>	<b><u>219,312</u></b>	<b><u>215,201</u></b>
<b>NET INCREASE (DECREASE) IN FIDUCIARY NET POSITION</b>	<b>(1,044,891)</b>	<b>1,162,862</b>
<b>NET POSITION RESTRICTED FOR PLAN BENEFITS:</b>		
Beginning of year - restated (Note 15)	<u>6,650,479</u>	<u>5,487,617</u>
End of year	<b><u>\$ 5,605,588</u></b>	<b><u>\$ 6,650,479</u></b>



**NOTES TO THE BASIC FINANCIAL STATEMENTS**

*This page intentionally left blank.*

**Carmel Area Wastewater District**  
**Index to the Notes to the Basic Financial Statements**  
**For the Years Ended June 30, 2022 and 2021**

---

	<u>Page</u>
<b>Note 1 – Defining the Reporting Entity</b> .....	33
<b>Note 2 – Summary of Significant Accounting Policies</b> .....	34
<b>Note 3 – CAWD/PBCSD Reclamation Project</b> .....	39
<b>Note 4 – Cash and Investments</b> .....	41
<b>Note 5 – Receivables</b> .....	48
<b>Note 6 – Capital Assets</b> .....	48
<b>Note 7 – Deferred Compensation Plan</b> .....	49
<b>Note 8 – Long-Term Debt</b> .....	50
<b>Note 9 – Compensated Absences</b> .....	51
<b>Note 10 – Postemployment Benefits Other Than Pensions</b> .....	51
<b>Note 11 – Pension Plans</b> .....	52
<b>Note 12 – Risk Management</b> .....	64
<b>Note 13 – Commitments</b> .....	64
<b>Note 14 – Net Investment in Capital Assets</b> .....	65
<b>Note 15 – Prior Period Adjustments</b> .....	65

*This page intentionally left blank.*

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 1 – Defining the Reporting Entity**

Reporting Entity

***Primary Government***

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'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 capital contributions to and capital assets of the District.

***Fiduciary Activities***

The District presents its fiduciary activity information for assessing its accountability and financial reporting in their role as fiduciaries. The definition of a "fiduciary" is:

- The organization acts on behalf of another person or persons to manage assets;
- Fiduciary responsibility refers to the obligation that one party has in relationship with another one to act entirely on the other party's behalf and best interest. It is considered to be the standard of the highest care.

Included within the reporting entity as fiduciary activities is the following:

***Single-Employer Employee Retirement Plan:*** The District's Single-Employer Plan was established on July 1, 1969 by the District and has been amended several times since that date. The Plan provides retirement benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Members are eligible to receive benefits if they were hired prior to October 29, 2005 and retired after reaching age 62 and completing five years of Plan participation. The amount of annual retirement income is determined by the benefit formula and is payable monthly for life with 120 payments guaranteed.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 1 – Defining the Reporting Entity (Continued)**

Reporting Entity (Continued)

***Fiduciary Activities (Continued)***

The benefit formula is 2.5% of the participant’s highest calendar year pay times years of benefit service. The Plan was amended effective October 29, 2005 to provide that the Normal retirement age, be age 62 with 5 years participation. Previously it was age 65. Also benefit service was frozen as of October 29, 2005 plus an additional 3.333 years for participants employed on that date. Vesting service was amended to add three years for participants employed on the amendment date. Employees hired after October 29, 2005 cannot participate in this plan but are eligible to participate in the District’s retirement plan with the California Public Employees Retirement System (CalPERS), a cost-sharing multiple-employer defined benefit pension plan.

**Note 2 – Summary of Significant Accounting Policies**

Basis of Presentation

***Primary Government***

The 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.

Measurement Focus, Basis of Accounting, and Financial Statements Presentation

“Measurement focus” is a term used to describe which transactions are recorded within the various financial statements. “Basis of accounting” refers to when transactions are recorded regardless of the measurement focus applied. The accompanying financial statements are reported using the “economic resources measurement focus,” and the “accrual basis of accounting.” Accordingly, all assets, deferred outflows of resources, liabilities (whether current or noncurrent) and deferred inflows of resources are included on the Statement of Net Position. The Statement of Revenues, Expenses and Changes in Net Position presents increases (revenues) and decreases (expenses) in total net position. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 2 – Summary of Significant Accounting Policies (Continued)**

Measurement Focus, Basis of Accounting, and Financial Statements Presentation (Continued)

In accordance with GASB Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*, the Statement of Net Position reports separate sections for deferred outflows of resources, and deferred inflows of resources, when applicable.

*Deferred Outflows of Resources* represent outflows of resources (consumption of net assets) that apply to future periods and that, therefore, will not be recognized as an expense until that time.

*Deferred Inflows of Resources* represent inflows of resources (acquisition of net assets) that apply to future periods and that, therefore, are not recognized as revenue until that time.

The District distinguishes operating revenues and expenses from nonoperating revenues and expenses. Operating revenues and expenses generally result from delivering water and other operating services. The District's principal operating revenues are charges to customers. Operating expenses include the cost of sales and services, general and administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses. Capital contributions are reported as a separate line item in the Statement of Revenues, Expenses and Changes in Net Position.

***Fiduciary Activities***

The Fiduciary Fund Financial Statements (i.e., the statement of fiduciary net position and the statement and changes in fiduciary net position) report information on the activities of the Pension Trust Fund. The statement of changes in fiduciary net position demonstrates the degree to which the additions to net position restricted for plan benefits were sufficient to cover deductions for distributions to plan participants and administrative expenses.

This fiduciary pension trust fund is a defined benefit plan which provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to Plan members and beneficiaries. The Plan's financial statements are prepared using the accrual basis of accounting. Employer contributions are recognized in the period in which the contributions are due and when the employer has made a formal commitment to provide the contributions. Investment income is recognized as earned. Benefits are recognized when due and payable in accordance with the terms of the Plan.

Cash and Investments

The District maintains an account with the Monterey County Investment Pool, which essentially operates as a demand deposit account. Available cash balances are managed and controlled by the Monterey County Treasurer in pooled investment funds in order to provide safety, liquidity, and high investment returns for all funds. Earnings from these funds are credited to the District's account on a quarterly basis.

Assessments in excess of estimated current bond requirements of the District are deposited in the Monterey County account which earns interest based on the fund's pro-rata share of the cash in the investment fund. The District also maintains financial institution bank accounts for operations and payroll that are FDIC insured up to \$250,000 per individual financial institution.

The District participates in an investment pool managed by the State of California titled Local Agency Investment Fund (LAIF), which has invested a portion of the pool funds in structured notes and asset-backed securities. LAIF's investments are subject to credit risk with the full faith and credit of the State of California collateralizing these investments. In addition, these structured notes and asset-backed securities are subject to market risk and to change in interest rates. The reported value of the pool is the same as the fair value of the pool shares.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 2 – Summary of Significant Accounting Policies (Continued)**

Cash and Investments (Continued)

Certain disclosure requirements, if applicable for deposit and investment risk, are specified for the following areas:

- Interest Rate Risk
- Credit Risk
  - Overall
  - Custodial Credit Risk
  - Concentration of Credit Risk
- Foreign Currency Risk

GASB Statement No. 72, *Fair Value Measurement and Application*, defined fair value, established a framework for measuring fair value and established disclosures about fair value measurement. Investments, unless otherwise specified, recorded at fair value in the Statements of Net Position, are categorized based upon the level of judgement associated with the inputs used to measure their fair value. Levels of inputs are as follows:

Level 1 – Inputs are unadjusted, quoted prices for identical assets and liabilities in active markets at the measurement date.

Level 2 – Inputs, other than quoted prices included in Level 1, that are observable for the asset or liability through corroboration with market data at the measurement date.

Level 3 – Unobservable inputs that reflect management's best estimate of what market participants would use in pricing the asset or liability at the measurement date.

Cash and Cash Equivalents

The District considers all highly liquid assets purchased with an original term to maturity of ninety days or less to be cash equivalents. Cash and cash equivalents are reported as “cash and investments” on the financial statement.

Restricted Assets

Certain cash and investments of the District are classified as restricted because they have been placed in the California Employers’ Pension Prefunding Trust Fund (Fund). The Fund is an IRS Section 115 trust fund dedicated to prefunding employer contributions to defined benefit pension systems for eligible California agencies. Assets held in the Fund are restricted for use as pension contributions. When an expense is incurred for purposes for which there are both restricted and unrestricted cash assets available, restricted cash is used first, then unrestricted cash as it is needed.

Investment Policy

The District has not adopted an investment policy but generally follows the Monterey County Treasurer’s investment policy guidelines which allow investments in any security authorized by Section 53635 of the Government Code of the State of California, and any other Government Code that permits investments in various securities, or participation in investment trading techniques or strategies.

Accounts Receivable

Account receivables considered uncollectible are accounted for using the allowance method. The allowance for doubtful accounts was \$0 and \$0 at June 30, 2022 and 2021, respectively. All annual user fee customer invoices are added to the County assessed property tax invoices, mailed to property owners annually, collected by the County Assessor where the proceeds are deposited into the District’s investment account with the County Treasurer.



**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 2 – Summary of Significant Accounting Policies (Continued)**

Capital Assets

Capital assets are accounted for at historical cost or estimated cost. In accordance with the District’s capital assets policy, minor expenditures under \$10,000 for renewals and betterments are charged to expense as incurred. Major expenditures for renewals and betterments are capitalized. In cases where assets are donated to the District, construction costs or estimated market values are recorded on the date received. Costs of assets sold, retired or otherwise disposed of have been eliminated from the accounts, and gains or losses on disposition are included in the applicable year’s financial statement. The cost of normal maintenance and repairs, that do not add to the value of the asset or materially extend lives, are also expensed in the current period.

The cost of property and equipment is depreciated from the date of acquisition, using the straight-line method of depreciation over their estimated useful lives, as follows:

	Useful Lives
Treatment plant - structures	30 - 40 years
Treatment plant - equipment	12 - 15 years
Collections - office	40 years
Collections - pump stations	40 years
Disposal facilities	20 - 50 years
Sewer and appurtenances	25 - 75 years
Other assets	25 - 75 years

Vacation, Sick Leave, and Other Compensated Absences

The District has recorded an accrual for compensated absences in accordance with the District’s policy of paying for unused vacation and sick leave of employees. The District’s method of calculating the liability is in accordance with GASB Statement No. 16. Compensated vacation and sick leave absences are recorded as expenditures when they are paid. Unpaid vacation and sick leave at year-end are recorded as an expense and a liability when earned by employees. Accrued vacation is paid out when an employee leaves the District. Unused sick hours are reported to CalPERS to be considered for extra service credit. Unpaid amounts will be paid from available resources provided for in future year budgets and are classified as current or noncurrent, based upon expected payment dates.

Long-Term Debt

Long-term debt is reported as a liability on the statement of net position either as current if payments are to be made within 12 months of the fiscal year-end, otherwise as noncurrent.

Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions and pension expense, information about the fiduciary net position of the District’s pension plans and additions to/deductions from the Plans’ fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. The valuation dates, measurement dates, and measurement periods vary by pension plan. See Note 11 for details.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 2 – Summary of Significant Accounting Policies (Continued)**

Net Position

The business-type activities financial statements utilize a net position presentation. Net position represents the difference between assets plus deferred outflow of resources, as compared to liabilities plus deferred inflow of resources, and is displayed in the following three components:

- *Net Investment in Capital Assets* - this component groups all capital assets, reduced by accumulated depreciation, and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of the assets.
- *Restricted Net Position* - this component represents net position that is subject to constraints either externally imposed by creditors (such as debt covenants), grantors, contributors, or laws or regulations of other governments or (2) imposed by law through constitutional provisions or enabling legislation.
- *Unrestricted Net Position* - this component represents net position of the District, not restricted for any construction project or other purpose.

When both restricted and unrestricted net position is available, restricted resources are used first, then unrestricted resources as they are needed.

Operating and Nonoperating Revenue

Operating revenue and expenses consist of revenue that results from the ongoing principal operations of the District. Operating revenue consists primarily of charges for services. Nonoperating revenue results from non-exchange transactions, ancillary activities or subsidies, and investment earnings.

Property Taxes

Property taxes in the State of California are administered for all local agencies at the County level and consist of secured, unsecured and utility tax rolls. The following is a summary of major policies and practices relating to property taxes:

- *Property Valuations* - are established by the Assessor of Monterey County for the secured and unsecured property tax rolls; the utility property tax roll is valued by the California State Board of Equalization. Under the provisions of Article XIII A of the State Constitution (Proposition 13), properties are assessed at 100% of full value. From this base of assessment, subsequent annual increases in valuation are limited to a maximum of 2%. However, increase to full value is allowed for property improvements or upon change in ownership. Personal property is excluded from these limitations and is subject to annual reappraisal.
- *Tax Levies* - are limited to 1% of full assessed value which results in a tax rate of \$1.00 per \$100 assessed valuation under the provisions of Proposition 13. Tax rates for voter-approved indebtedness are excluded from this limitation.
- *Tax Levy Dates* - are attached annually on January 1, preceding the fiscal year for which the taxes are levied. The fiscal year begins July 1 and ends June 30 of the following year. Taxes are levied on both real and unsecured personal property. Liens against real estate, as well as the tax on personal property, are not relieved by subsequent renewal or change in ownership.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 2 – Summary of Significant Accounting Policies (Continued)**

Property Taxes (Continued)

- Tax Collections - are the responsibility of the Monterey County's tax collector. Taxes and assessments on secured and utility rolls, which constitute a lien against the property, may be paid in two installments: The first is due on November 1 of the fiscal year and is delinquent if not paid by December 10; and the second is due on March 1 of the fiscal year and is delinquent if not paid by April 10. Unsecured personal property taxes do not constitute a lien against property unless the taxes become delinquent. Payment must be made in one installment, which is delinquent if not paid by August 31 of the fiscal year. Significant penalties are imposed by the County for late payments.
- Tax Levy Apportionments - due to the nature of the County-wide maximum levy, it is not possible to identify general-purpose tax rates for specific entities such as the District. Under State legislation adopted subsequent to the passage of Proposition 13, apportionments to local agencies are made by each County auditor-controller based primarily on the ratio that each agency represented of the total County-wide levy for the three fiscal years prior to fiscal year 1979.
- Property Tax Administration Fees - the State of California fiscal year 1990-91 Budget Act authorized Counties to collect an administrative fee for its collection and distribution of property taxes.
- Monterey County bills and collects property taxes and user fees for the District in addition to its own property taxes.

Use of Estimates

Preparing the District's financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities, at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

**Note 3 – CAWD/PBCSD Reclamation Project**

The CAWD/PBCSD Reclamation Project (the Project) is a "cooperative effort" involving the Carmel Area Wastewater District (CAWD), the Pebble Beach Community Service District (PBCSD), the Monterey Peninsula Water Management District (MPWMD), the Pebble Beach Company (PBCo), and the Independent Reclaimed Water Users Group (IRWUG). This cooperative effort did not create a new or separate legal entity. The Project is accounted for as a Proprietary (Enterprise) Fund in the books of the Monterey Peninsula Water Management District, the issuer of the 1992 *Variable Rate Demand Certificates of Participation*, which originally financed the Project. The activities of the Project are overseen by a six-member management committee containing two representatives from the CAWD board, two from the PBCSD board, one from the PBCo board, and one from the Independent Reclaimed Water Users Group (IRWUG).

The Project provides treated or reclaimed wastewater to irrigate golf courses and open space areas within the community of Pebble Beach, which frees up potable water previously used for irrigation. The Project operates on the site of CAWD's existing wastewater treatment plant. The Project includes: a tertiary treatment plant, laboratory facilities, a wastewater distribution system, a storage tank used to distribute the treated wastewater to the receptor sites in Pebble Beach, and irrigation system improvements. Recent improvements include a Microfiltration/Reverse Osmosis facility at the CAWD plant, and a reservoir increase capacity project to hold additional reclaimed water at the PBCSD reservoir.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 3 – CAWD/PBCSD Reclamation Project (Continued)**

The tertiary treatment plant produces water which meets Title 22 standards specified by the California Department of Health Services, which is a quality acceptable for irrigation.

Phase 1

The Project was initially financed in December 1992 by the aforementioned Certificates of Participation (COP) in the amount of \$33,900,000 which were executed and delivered at the direction of the MPWMD. Per the COP issuance agreement, the MPWMD agreed to provide the funds necessary to construct and operate the Project with contractual provisions to own the reclaimed water for the express purpose of resale of this water primarily to golf courses located within the Pebble Beach Community to reduce their reliance upon potable water. The PBCo guaranteed payment of construction costs of the Project, plus any operating deficiencies.

Any debt obligations incurred by the MPWMD to finance the Project constitutes limited obligations of MPWMD. These limited obligations are payable solely from the net operating revenue generated by the sale of reclaimed water produced by the Project and, if such reclaimed water revenue is insufficient, from payments on a Bond Letter of Credit, provided by Bank of America (the credit bank), through a reimbursement agreement between PBCo and the credit bank.

Phase 1 Construction of the Project began in January 1993, and was completed in October 1994. The Project assets are owned principally by CAWD and PBCSD, and consist primarily of the following:

Assets owned by CAWD include the following:

- new tertiary treatment plant
- secondary process improvements
- new laboratory facilities
- reclaimed water pump station
- related computer equipment
- small portion of the reclaimed water pipeline

Assets owned by PBCSD include the following:

- approximately seven miles of reclaimed water distribution system pipelines
- 2.5-million-gallon storage tank
- portable water pump station
- reclaimed water booster pump station

Phase 2

In 2004, the Carmel Area Wastewater District, the Monterey Peninsula Water Management District, the Pebble Beach Community Services District, and the Pebble Beach Company approved agreements that enabled a significant expansion of the Project's operations known as Phase 2. The goal of the expansion was to enable the Pebble Beach golf courses to be fully dependent on recycled water, thus saving a significant amount of potable water. The expansion was partially funded from the sales of Pebble Beach Company's legal water entitlement agreements to Del Monte Forest residential property owners, currently available at \$250,000 per acre foot. Approximately \$29 million has been raised through these sales and investment earnings, with the proceeds deposited in a restricted construction escrow account.

The agreements commit the Pebble Beach Company and the Independent Reclaimed Water Users (the unincorporated association of the owners of Cypress Point Golf Club, Poppy Hills Golf Course, and the Monterey Peninsula Country Club) to use and pay for recycled water for irrigation, and make provisions for the beneficial use of any surplus recycled water.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 3 – CAWD/PBCSD Reclamation Project (Continued)**

Phase 2 (Continued)

The Project began construction on the Forest Lake Reservoir in 2004 with completion in 2006. Total cost of the reservoir component of the expanded project was approximately \$13 million. Upon completion of the reservoir, PBCSD began the application process with the California Division of Safety of Dams to increase the permitted capacity from 320-acre-feet to 370-acre-feet. Design began in 2006 for the micro- filtration/reverse osmosis (MF/RO) treatment component, along with implementation of a pilot project at Carmel Area Wastewater District’s treatment facility. Construction commenced in October 2006 on the MF/RO plant. At June 30, 2009 the entire construction project was complete. Total cost of the MF/RO portion was approximately \$21.5 million. The combined improvements are expected to solve water quality issues experienced by the golf courses and should eliminate their use of potable water except in case of emergency. Year-round production is now possible with the Forest Lake Reservoir providing *peak demand* requirements.

**Note 4 – Cash and Investments**

**A. Primary Government**

Cash and investments at fiscal year-end are classified in the accompanying financial statements as follows:

	2022	2021
Statement of Net Position:		
Current assets:		
Cash and investments	\$ 43,738,499	\$ 42,634,066
Noncurrent assets:		
Restricted investment in Section 115 trust	445,210	-
Total cash and investments	\$ 44,183,709	\$ 42,634,066
 Cash and investments consist of the following:		
Deposits with financial institutions	\$ 434,158	\$ 510,936
Local Agency Investment Fund	1,198,228	1,194,892
Monterey County investment pool	42,106,113	40,928,238
Investment in Section 115 trust	445,210	-
Total cash and investments	\$ 44,183,709	\$ 42,634,066

Demand Deposits

As of June 30, 2022, the carrying amount of demand deposits was \$434,158 and the bank balance was \$738,207 compared to \$510,936 and \$525,953 at June 30, 2021, of which the total amount was collateralized or insured with securities held by the pledging financial institutions in the District’s name.

Investments Authorized by the District’s Investment Policy

The District does not have a specific investment policy but generally follows the guidelines of Monterey County’s Investment Policy. All funds invested are managed to meet the guidelines stated in both California Code Section 53600, et. seq. and the County’s investment policy. The following County Investment Pool guidelines and directives are generally followed by District management:

- The legal, final maturity of any single security within the investment portfolio will not exceed five years at purchase.
- The *weighted average life* of the portfolio will not exceed two years.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 4 – Cash and Investments (Continued)**

**A. Primary Government (Continued)**

Investments Authorized by the District's Investment Policy (Continued)

- The maximum maturity of investments in a money market pool shall not exceed 397 days, and the weighted maturity average maturity of the pool shall not exceed 90 days. A money market pool shall not exceed 10% of the portfolio's book value on the date investments are made; maximum investment in all money market pools shall not exceed 20% of the portfolio's book value on the date that investments are made.

Local Agency Investment Funds

The District's investments with Local Agency Investment Fund (LAIF) include a portion of the pool funds invested in structured notes and asset-backed securities. These investments include the following:

- Structured Notes – debt securities (other than asset-backed securities) whose cash flow characteristics (coupon rate, redemption amount, or stated maturity) depend upon one or more indices and/or that have embedded forwards or options. They are issued by corporations and by government-sponsored enterprises.
- Asset-Backed Securities – entitle their purchaser to receive a share of the cash flows from a pool of assets such as principal and interest repayments from a pool of mortgages (such as CMO's), small business loans or credit card receivables.

LAIF is overseen by the Local Investment Advisory Board, which consists of five members, in accordance with State statute. The fair value of our position in the pool is the same as the value of the pool shares.

As of June 30, 2022, the District had \$1,198,228 invested in LAIF, which had invested 1.88% of the pool investment funds in structured notes and asset-backed securities compared to \$1,194,892 and 1.10% at June 30, 2021.

Participation in an External County Investment Pool

The District is a voluntary participant in the Monterey County Investment Pool. Funds in the Pool essentially operate as demand deposit accounts. Available cash balances are controlled and invested by the County Treasurer in pooled investment funds in order to provide safety, liquidity and investment returns for all funds. Interest earnings from these funds are credited to the District's account on a quarterly basis. As of June 30, 2022 and 2021, the Pool had approximately \$2.6 billion and \$2.2 billion, respectively in investments.

The Monterey County Treasurer's Investment policy is in compliance with Section 53635 of the Government Code of the State of California, which permits investments in certain securities and participation in certain investment trading techniques or strategies. Annual reports of the investment pool may be obtained from the Monterey County Treasurer, Post Office Box 390, Salinas, California 93902.

As of June 30, 2022 and 2021, the District had \$42,106,113 and \$40,928,238, respectively, invested in the Monterey County Investment Pool.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 4 – Cash and Investments (Continued)**

**A. Primary Government (Continued)**

Investment in Section 115 Trust

The District established a Section 115 trust account with the CalPERS California Employers’ Pension Prefunding Trust (CEPPT) Fund. CEPPT holds assets that are legally restricted for use in administering the District’s pension plan. Trust account holders can select one of two strategy options for investments. The District selected the CEPPT asset allocation Strategy 1 portfolio which seeks to provide capital appreciation and income consistent with its strategic asset allocation. The CEPPT Strategy 1 portfolio is invested in various asset classes that are passively managed to an index. CalPERS periodically adjusts the composition of the portfolio in order to match the target allocations. Generally, equities are intended to help build the value of the portfolio over the long term, while bonds are intended to help provide income and stability of principal.

Also, strategies invested in a higher percentage of equities seek higher investment returns (but assume more risk) compared with strategies invested in a higher percentage of bonds. Compared with CEPPT Strategy 2, this portfolio has a higher allocation of equities than bonds. The CEPPT Strategy 1 portfolio consists of the following asset classes and corresponding benchmarks:

Asset Class	Target Allocation	Target Range	Benchmark
Global equity	40%	+/- 5%	MSCI All Country World Index IMI (net)
Fixed income	47%	+/- 5%	Bloomberg Barclays U.S. Aggregate Bond Index
Treasury Inflation-Protected Securities (TIPS)	5%	+/- 5%	Bloomberg Barclays U.S. TIPS Index, Series L
Real Estate Investment Trusts (REITs)	8%	+/- 5%	FTSE EPRA/NAREIT Developed Index (net)
Cash	0%	+/- 5%	91 day Treasury bill
Total	<u>100%</u>		

At June 30, 2022 and 2021, the District had \$445,210 and \$0, respectively, invested in the Fund.

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. Information about the sensitivity of the fair values of the District’s investments to market interest rate fluctuations is provided by the following table that shows the maturity date and yield of each investment:

The outstanding maturities on the District’s investments were the following at June 30, 2022:

Investment Type	Total	Remaining Maturity (in Months) 12 Months or Less
Local Agency Investment Fund	\$ 1,198,228	\$ 1,198,228
Monterey County investment pool	42,106,113	42,106,113
Investment in Section 115 trust	445,210	445,210
Total	<u>\$ 43,749,551</u>	<u>\$ 43,749,551</u>

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 4 – Cash and Investments (Continued)**

**A. Primary Government (Continued)**

Interest Rate Risk (Continued)

The outstanding maturities on the District’s investments were the following at June 30, 2021:

Investment Type	Total	Remaining Maturity (in Months) 12 Months or Less
Local Agency Investment Fund	\$ 1,194,892	\$ 1,194,892
Monterey County investment pool	40,928,238	40,928,238
Total	<u>\$ 42,123,130</u>	<u>\$ 42,123,130</u>

Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. The County Pool, LAIF, and investment in Section 115 trust do not have a rating provided by a nationally recognized statistical rating organization.

Concentration of Credit Risk

The investment policy of the District contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. At year end, 96% of the District’s cash was invested with the Monterey County Investment Pool.

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits: the California Government Code requires that a financial institution secure deposit made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure District deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits. At June 30, 2022 and 2021, the District had \$475,604 and \$275,953, respectively, in bank financial institutions that was not covered by the FDIC, but was covered by collateralized securities of the bank financial institutions where the deposits were maintained.



**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 4 – Cash and Investments (Continued)**

**A. Primary Government (Continued)**

Custodial Credit Risk (Continued)

The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the County’s investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for investments. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government’s indirect investment in securities through the use of mutual funds or government investment pools.

**B. Fiduciary Fund Financial Statements**

Cash and investments at fiscal year-end are classified in the accompanying financial statements as follows:

	2022	2021
Statement of Fiduciary Net Position:		
Current assets:		
Cash and cash equivalents	\$ 132,727	\$ 310,883
Investments	5,472,861	6,339,596
Total cash and investments	\$ 5,605,588	\$ 6,650,479
 Cash and investments consist of the following:		
Deposits with financial institutions	\$ 62,950	\$ -
Money market mutual funds	69,777	310,883
Bonds and annuities	1,372,916	2,474,335
Mutual funds	4,099,945	3,865,261
Total cash and investments	\$ 5,605,588	\$ 6,650,479

Demand Deposits

As of June 30, 2022, the carrying amount of demand deposits was \$62,950 and the bank balance was \$62,950 compared to \$0 and \$0 at June 30, 2021, of which the total amount was collateralized or insured with securities held by the pledging financial institutions in the Plan’s name.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 4 – Cash and Investments (Continued)**

**B. Fiduciary Fund Financial Statements (Continued)**

Investments

The fair value of the Plan's investments at June 30, 2022 and 2021 were as follows:

	Fair Value June 30, 2022	Quoted Prices in Active Markets for Identical Assets (Level 1)	Fair Value June 30, 2021	Quoted Prices in Active Markets for Identical Assets (Level 1)
<b>Investments by Fair Value Level:</b>				
<u>Bond Funds:</u>				
American Funds Inflation Linked Bond Fund	\$ -	\$ -	\$ 330,604	\$ 330,604
American U.S. Government Securities Fund	-	-	300,386	300,386
Baird International Bond Fund	348,265	348,265	-	-
Blackrock Floating Rate Income Institutional Fund	-	-	385,051	385,051
Columbia Mortgage Opportunities	-	-	643,403	643,403
DFA Short-Duration Real Return Institutional Fund	461,637	461,637	-	-
Goldman Sachs Enhanced Income Fund	-	-	254,553	254,553
Nuveen Floating Rate Income I	563,014	563,014	-	-
PGIM High Yield Fund	-	-	560,338	560,338
Total Bonds and Annuities	1,372,916	1,372,916	2,474,335	2,474,335
<u>Mutual Funds:</u>				
Alphasimplex Managed Future Strategies Fund	361,994	361,994	-	-
BNY Mellon Global Emerging Markets Fund	-	-	244,550	244,550
Bridgeway Small Cap Value Fund	220,605	220,605	264,066	264,066
Columbia Commodity Strategy Fund	266,383	266,383	-	-
Columbia Contrarian Core Fund	399,271	399,271	486,245	486,245
Federated Hermes Kaufmann Small Cap Fund	-	-	214,036	214,036
Invesco Exchange Traded Fund	85,391	85,391	-	-
IShares Core S&P 500 Exchange Traded Fund	653,831	653,831	843,965	843,965
IShares Inc. Global Energy Producers Exchange Traded Fund	335,928	335,928	-	-
IShares Morningstar Mid-Cap Growth Exchange Traded Fund	-	-	213,300	213,300
JP Morgan Large Cap Growth Fund	160,452	160,452	502,237	502,237
MFS Mid Cap Value Fund	108,505	108,505	269,489	269,489
Neuberger Berman Large Cap Value Fund	764,996	764,996	459,133	459,133
PGIM Jen International Opportunities Fund	-	-	368,240	368,240
Victory Market Neutral Income Fund	742,589	742,589	-	-
Total Mutual Funds	4,099,945	4,099,945	3,865,261	3,865,261
<b>Total Investments by Fair Value Level</b>	\$ 5,472,861	\$ 5,472,861	\$ 6,339,596	\$ 6,339,596

Fair Value Measurement – Investment Valuation

Investments are reported at fair value. Quoted market value (Level 1) in an active market is used to value investments. The calculation of realized gains and losses is independent of the calculation of the change in the fair value of investments, and realized gains and losses of the current period include unrealized amounts from prior periods.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 4 – Cash and Investments (Continued)**

**B. Fiduciary Fund Financial Statements (Continued)**

Fair Value Measurement – Investment Valuation (Continued)

During the Plan years, investments, including realized gains and losses on investments and unrealized appreciation (depreciation) on investments held, appreciated (depreciated) in value as follows:

	2022	2021
Unrealized appreciation (depreciation) on investments held	\$ (1,148,748)	\$ 378,919
Realized gain (loss) on investments	(39,070)	836,698
Net realized and unrealized investment gains (losses)	\$ (1,187,818)	\$ 1,215,617

Concentrations of Investments

The Plan has invested in certain organizations in excess of 5% of the Fiduciary Net Position. The concentrated investments are as follows:

	Fair Value June 30, 2022	%	Fair Value June 30, 2021	%
<b>Investments by Fair Value Level:</b>				
<u>Bonds and Annuities:</u>				
American Funds Inflation Linked Bond Fund	\$ -	n/a	\$ 330,604	5.2%
Baird International Bond Fund	348,265	6.4%	-	n/a
Blackrock Floating Rate Income Institutional Fund	-	n/a	385,051	6.1%
Columbia Mortgage Opportunities	-	n/a	643,403	10.1%
DFA Short-Duration Real Return Institutional Fund	461,637	8.4%	-	n/a
Nuveen Floating Rate Income I	563,014	10.3%	-	n/a
PGIM High Yield Fund	-	n/a	560,338	8.8%
<u>Mutual Funds:</u>				
Alphasimplex Managed Future Strategies Fund	361,994	6.6%	-	n/a
Columbia Contrarian Core Fund	399,271	7.3%	486,245	7.7%
IShares Core S&P 500 Exchange Traded Fund	653,831	11.9%	843,965	13.3%
IShares Inc. Global Energy Producers Exchange Traded Fund	335,928	6.1%	-	n/a
JP Morgan Large Cap Growth Fund	160,452	n/a	502,237	7.9%
Neuberger Berman Large Cap Value Fund	764,996	14.0%	459,133	7.2%
PGIM Jen International Opportunities Fund	-	n/a	368,240	5.8%
Victory Market Neutral Income Fund	742,589	13.6%	-	n/a

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates.

Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. The Plan's investments do not have a rating provided by a nationally recognized statistical rating organization.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 4 – Cash and Investments (Continued)**

**B. Fiduciary Fund Financial Statements (Continued)**

Custodial Risk

For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Plan will not be able to recover the value of its investments. All securities are held by a third-party custodian, Commonwealth. Commonwealth is a registered member of the Federal Reserve Bank. The securities held by Commonwealth are in their street name, and an account number assigned to the Plan identifies ownership.

**Note 5 – Receivables**

Receivables at June 30, 2022 and June 30, 2021 consisted of the following:

	June 30, 2022	June 30, 2021
User fees - customers	\$ 109,565	\$ 106,871
Trade receivables	26,737	39,327
Total accounts receivable	<u>\$ 136,302</u>	<u>\$ 146,198</u>
Reclamation Project	\$ 167,792	\$ 60,481
Pebble Beach CSD	1,369,650	530,385
Total receivables from affiliates	<u>\$ 1,537,442</u>	<u>\$ 590,866</u>

**Note 6 – Capital Assets**

Capital assets activity for the year ended June 30, 2022 consisted of the following:

	Balance July 1, 2021	Additions	Deletions	Transfers/ Adjustments	Balance June 30, 2022
Capital assets, not being depreciated:					
Land and land rights	\$ 308,060	\$ -	\$ -	\$ -	\$ 308,060
Construction in progress	1,634,067	5,742,992	-	(2,212,171)	5,164,888
Total capital assets, not being depreciated	<u>1,942,127</u>	<u>5,742,992</u>	<u>-</u>	<u>(2,212,171)</u>	<u>5,472,948</u>
Capital assets, being depreciated:					
Treatment structures	70,358,452	-	-	18,750	70,377,202
Treatment equipment	8,732,949	-	(2,805)	119,690	8,849,834
Collection pump station	1,238,844	-	-	-	1,238,844
Collection pump equipment	1,509,600	-	-	-	1,509,600
Sewers and appurtenances	13,293,350	129,738	-	2,073,731	15,496,819
Disposal facilities	1,643,891	-	-	-	1,643,891
Other assets	4,541,519	-	(37,468)	-	4,504,051
Total capital assets, being depreciated	<u>101,318,605</u>	<u>129,738</u>	<u>(40,273)</u>	<u>2,212,171</u>	<u>103,620,241</u>
Less accumulated depreciation	<u>(53,931,869)</u>	<u>(2,888,321)</u>	<u>38,916</u>	<u>-</u>	<u>(56,781,274)</u>
Total capital assets being depreciated, net	<u>47,386,736</u>	<u>(2,758,583)</u>	<u>(1,357)</u>	<u>2,212,171</u>	<u>46,838,967</u>
Total capital assets, net	<u>\$ 49,328,863</u>	<u>\$ 2,984,409</u>	<u>\$ (1,357)</u>	<u>\$ -</u>	<u>\$ 52,311,915</u>

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 6 – Capital Assets (Continued)**

In the statement of revenue, expenses, and change in net position, total depreciation expense for the year ended June 30, 2022 was charged to the following departments:

Collection	\$ 406,301
Treatment and disposal	2,456,749
Administration	25,271
Total	\$ 2,888,321

Capital assets activity for the year ended June 30, 2021 consisted of the following:

	Balance July 1, 2020	Additions	Deletions	Transfers/ Adjustments	Balance June 30, 2021
Capital assets, not being depreciated:					
Land and land rights	\$ 308,060	\$ -	\$ -	\$ -	\$ 308,060
Construction in progress	2,080,984	-	-	(446,917)	1,634,067
Total capital assets, not being depreciated	2,389,044	-	-	(446,917)	1,942,127
Capital assets, being depreciated:					
Treatment structures	70,358,452	-	-	-	70,358,452
Treatment equipment	8,315,575	417,374	-	-	8,732,949
Collection pump station	1,238,844	-	-	-	1,238,844
Collection pump equipment	949,253	560,347	-	-	1,509,600
Sewers and appurtenances	11,119,420	2,173,930	-	-	13,293,350
Disposal facilities	1,643,891	-	-	-	1,643,891
Other assets	4,337,978	203,541	-	-	4,541,519
Total capital assets, being depreciated	97,963,413	3,355,192	-	-	101,318,605
Less accumulated depreciation	(51,080,762)	(2,851,107)	-	-	(53,931,869)
Total capital assets being depreciated, net	46,882,651	504,085	-	-	47,386,736
Total capital assets, net	\$ 49,271,695	\$ 504,085	\$ -	\$ (446,917)	\$ 49,328,863

In the statement of revenue, expenses, and change in net position, total depreciation expense for the year ended June 30, 2021 was charged to the following departments:

Collection	\$ 371,968
Treatment and disposal	2,454,384
Administration	24,755
Total	\$ 2,851,107

**Note 7 – Deferred Compensation Plan**

The District maintains a deferred compensation plan for its eligible employees wherein amounts earned by the employees are paid at a future date. All full-time, regular, salaried employees are permitted to participate in the plan beginning on the first day of the month following their hire date. An employee may elect to make contributions up to the limits established by the Internal Revenue Service for this type of plan, and becomes 100% vested from the first date of participation. Nationwide Retirement Solutions, Inc., and the Variable Annuity Life Insurance Company, both administer the plan, which is in conformity with Section 457 of the Internal Revenue Code.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 8 – Long-Term Debt**

Long-term debt activity for the year ended June 30, 2022 was as follows:

	Balance July 1, 2021	Additions	Deletions	Balance June 30, 2022	Due Within One Year	Due in More Than One Year
Publicly-offered:						
Revenue Bonds:						
2004 Wastewater Revenue Bonds	\$ 760,000	\$ -	\$ (175,000)	\$ 585,000	\$ 185,000	\$ 400,000
Revenue bonds, net	<u>\$ 760,000</u>	<u>\$ -</u>	<u>\$ (175,000)</u>	<u>\$ 585,000</u>	<u>\$ 185,000</u>	<u>\$ 400,000</u>

Long-term debt activity for the year ended June 30, 2021 was as follows:

	Balance July 1, 2020	Additions	Deletions	Balance June 30, 2021	Due Within One Year	Due in More Than One Year
Publicly-offered:						
Revenue Bonds:						
2004 Wastewater Revenue Bonds	\$ 930,000	\$ -	\$ (170,000)	\$ 760,000	\$ 175,000	\$ 585,000
Revenue bonds, net	<u>\$ 930,000</u>	<u>\$ -</u>	<u>\$ (170,000)</u>	<u>\$ 760,000</u>	<u>\$ 175,000</u>	<u>\$ 585,000</u>

Revenue Bonds

In 2004, the District issued \$3,000,000 in *California Statewide Communities Development Authority Water and Wastewater Revenue Series 2004-A Bonds* through a pooled financing program for the design, planning, and construction of sewer facilities for certain properties located within the Carmel Highlands area. The District has signed agreements with (1) the Highlands Inn, (2) the Highlands Sanitary Association (which is comprised of eleven individual owners as members) and (3) the Tickle Pink Inn, to be reimbursed through sewer user fees for all the annual costs associated with the bonds including, but not necessarily limited to, installment payments of principal and interest on the bonds, debt service or administrative fees, and costs or obligations for which the District is obligated to make under the terms of the bond agreement. The sewer user fees and reimbursable costs generated from the customers in the Carmel Highlands area are assessed and included on the Monterey County secured property tax rolls, and submitted by the District annually, as is the same payment program with all District wastewater customers. Principal on the bonds is payable annually beginning October 1, 2004. Interest is payable semi-annually on October 1 and April 1, beginning October 1, 2004.

The interest rates on the bonds range from 1.5% to 5.25%; the bonds mature on October 1, 2024. The bond agreement contains a covenant requiring the District to yield “system net revenues” during each fiscal year equal to at least 120% of the annual debt service in the fiscal year. The covenant has been met.

Future annual principal and interest requirements are as follows:

Year Ending June 30,	Principal	Interest	Total
2023	\$ 185,000	\$ 25,856	\$ 210,856
2024	195,000	15,881	210,881
2025	205,000	5,381	210,381
Total	<u>\$ 585,000</u>	<u>\$ 47,118</u>	<u>\$ 632,118</u>

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 9 – Compensated Absences**

The accrued compensated absences amounts will be paid from available resources and are classified as current or noncurrent, based upon expected payment dates. The compensated absences activity for the years ended June 30, 2022 and June 30, 2021 is as follows:

	Beginning Balance	Additions	Deletions	Ending Balance	Due within One Year	Due in More Than One Year
June 30, 2022	\$ 281,144	\$ 338,185	\$ (345,167)	\$ 274,162	\$ 68,541	\$ 205,621
June 30, 2021	\$ 245,477	\$ 291,088	\$ (255,421)	\$ 281,144	\$ 70,286	\$ 210,858

**Note 10 – Postemployment Benefits Other than Pensions**

Plan Description

In September 2002, the District established a postemployment health plan (PEHP) to meet its employees' postemployment health care needs and expenses. Under the PEHP plan, Nationwide Retirement Solutions Company (NRS) provides administrative services in exchange for a fee as agreed upon by the District and NRS. The plan does not establish a long-term liability of the District. All employees are permitted to participate in the plan beginning on the first day of the month following their hire date. The District contributes 1.25% of an employee's salary to the plan on a periodic basis, on behalf of each eligible employee who is a plan participant. Amounts contributed are segregated to either one or both of the following sub-accounts for: (1) reimbursements of qualifying medical care expenses not paid by insurance or (2) reimbursement of health care insurance premiums. Contributions may not vary among eligible employees to fund the qualifying medical care expense sub-account and will be made as an equal dollar amount for each employee. Contributions to fund health care insurance premium sub-accounts may be made as an equal dollar amount or as a percentage of salary, but such percent or dollar amount must apply to all eligible employees. For the year ended June 30, 2022 and 2021 the District contributed \$39,241 and \$38,205, respectively, to the plan.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 11 – Pension Plans**

**Summary**

Net pension liability, pension-related deferred outflows, pension-related deferred inflows of resources, and pension expense are included in the accompanying financial statements as follows:

	<u>June 30, 2022</u>	<u>June 30, 2021</u>
<b>Deferred outflows of resources:</b>		
Pension contribution made after measurement date:		
CalPERS miscellaneous	\$ 246,025	\$ 1,058,532
Total pension contribution made after measurement date	<u>246,025</u>	<u>1,058,532</u>
Changes in assumptions		
Single employer plan	3,644	-
Total change in assumption	<u>3,644</u>	<u>-</u>
Projected earnings on pension plan investments in excess of actual earnings:		
Single employer plan	469,022	-
CalPERS miscellaneous	1,068,791	21,893
Total projected earnings on pension plan investments in excess of actual earnings	<u>1,537,813</u>	<u>21,893</u>
Adjustment due to difference in proportions		
CalPERS miscellaneous	88,226	206,093
Total adjustment due to difference in proportions	<u>88,226</u>	<u>206,093</u>
Difference between expected and actual experience		
Single employer plan	64,722	94,696
CalPERS miscellaneous	-	37,979
Total difference between expected and actual experience	<u>64,722</u>	<u>132,675</u>
Employer contributions in excess of proportionate share of contribution		
CalPERS miscellaneous	497,267	-
Total employer contributions in excess of proportionate share of contribution	<u>497,267</u>	<u>-</u>
Total deferred outflows of resources		
Single employer plan	537,388	94,696
CalPERS miscellaneous	1,900,309	1,324,497
<b>Total deferred outflows of resources</b>	<u>\$ 2,437,697</u>	<u>\$ 1,419,193</u>



**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

**Summary (Continued)**

	<u>June 30, 2022</u>	<u>June 30, 2021</u>
<b>Net pension liability (asset):</b>		
Single employer plan	\$ (882,578)	\$ (2,008,214)
CalPERS miscellaneous	(1,224,347)	736,988
<b>Total net pension liability (asset)</b>	<u>\$ (2,106,925)</u>	<u>\$ (1,271,226)</u>
<b>Deferred inflows of resources:</b>		
Actual earnings on pension plan investments in excess of projected earnings:		
Single employer plan	\$ -	\$ 783,866
Total actual earnings on pension plan investments in excess of projected earnings	<u>-</u>	<u>783,866</u>
Changes in assumptions		
Single employer plan	23,397	42,844
CalPERS miscellaneous	-	5,256
Total changes in assumptions	<u>23,397</u>	<u>48,100</u>
Adjustment due to difference in proportions		
CalPERS miscellaneous	260,942	-
Total adjustment due to difference in proportions	<u>260,942</u>	<u>-</u>
Employer contributions in excess of proportionate share of contribution		
CalPERS miscellaneous	48,246	95,076
Total employer contributions in excess of proportionate share of contribution	<u>48,246</u>	<u>95,076</u>
Difference between expected and actual experience		
Single employer plan	66,622	21,482
CalPERS miscellaneous	137,297	-
Total difference between expected and actual experience	<u>203,919</u>	<u>21,482</u>
Total deferred inflows of resources		
Single employer plan	90,019	848,192
CalPERS miscellaneous	446,485	100,332
<b>Total deferred inflows of resources</b>	<u>\$ 536,504</u>	<u>\$ 948,524</u>
<b>Pension expense:</b>		
Single employer plan	\$ 75,209	\$ 293,804
CalPERS miscellaneous	(1,944,970)	439,343
<b>Total net pension expense</b>	<u>\$ (1,869,761)</u>	<u>\$ 733,147</u>

**Single Employer Defined Benefit Pension Plan**

**A. General Information About the Plan**

Plan Description

The Plan was established on July 1, 1969 by the District and has been amended several times since that date. The benefit formula is 2.5% of the participant's highest calendar year pay times years of benefit service. The Plan was amended effective October 29, 2005 to provide that the Normal retirement age, be age 62 with 5 years participation. Previously it was age 65. Also benefit service was frozen as of October 29, 2005 plus an additional 3.333 years for participants employed on that date. Vesting service was amended to add three years for participants employed on the amendment date. Employees hired after October 29, 2005 cannot participate in this plan but are eligible to participate in the District's retirement plan with the California Public Employees Retirement System (CalPERS), a cost-sharing multiple-employer defined benefit pension plan.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Single Employer Defined Benefit Pension Plan (Continued)***

**A. General Information About the Plan (Continued)**

Benefits Provided

The Plan provides retirement benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Members are eligible to receive benefits if they were hired prior to October 29, 2005 and retired after reaching age 62 and completing five years of Plan participation. The amount of annual retirement income is determined by the benefit formula and is payable monthly for life with 120 payments guaranteed.

The Plan documents contain a more detailed description of the Plan provisions and should be referred to for a more complete understanding of the terms of the Plan. The District is the Plan Administrator. Additional information concerning this Single Employer Defined Benefit Pension Plan can be obtained from the District’s Principal Accountant.

Plan Membership

Pension plan membership consisted of the following as of the actuarial valuation dates of June 30, 2022 (reporting date June 30, 2022) and June 30, 2021 (reporting date June 30, 2021):

	2022	2021
Active employees	6	6
Inactive employees currently receiving benefits	4	4
Inactive employees entitled to, but not yet receiving benefits	3	3
Total	13	13

Contributions

The District’s funding policy is to provide for employer contributions on a monthly basis. Employer contributions to the plan for the years ended June 30, 2022 and 2021 were both \$0 since the plan is overfunded. Contributions are actuarially determined under the aggregate actuarial cost method and are designed to accumulate sufficient assets to pay benefits when due. Although service credit to the plan has stopped, employees will only be able to draw their pension account upon separation from District employment.

**B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions**

Net Pension Liability

The net pension liability for the Plan is measured as the total pension liability, less the pension Plan’s fiduciary net position. The net pension liability of the Plan is measured as of June 30, 2022, using an actuarial valuation as of June 30, 2022. A summary of principal assumptions and methods used to determine the net pension liability is shown below.

	Single Employer Plan - Closed to New Members	
	June 30, 2022	June 30, 2021
Valuation Date	June 30, 2022	June 30, 2021
Measurement Date	June 30, 2022	June 30, 2021
Actuarial Cost Method	Entry-Age Normal Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions:		
Discount Rate	6.00%	6.00%
Inflation	2.62%	2.00%
Salary Increases	3.50%	3.50%
Mortality Rate Table	SOA RP-2006	RP-2014 tables
Retirement age, with 5 years participation	62	62

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Single Employer Defined Benefit Pension Plan (Continued)***

***B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)***

**Change in Assumptions** – In the current year, the actuarial report did not have any changes in assumptions.

**Discount Rate** – The discount rate used to measure the total pension liability was 6.00 percent.

A formal cash flow projection was not performed as described under Paragraph 27 of GASB Statement 68. However, Paragraph 29 allows for alternative methods to confirm the sufficiency of the Net Position if the evaluations “can be made with sufficient reliability without a separate projection of cash flows into and out of the pension plan...” In our professional judgment, adherence to the actuarial funding policy described above will result in the pension plan’s projected Fiduciary Net Position being greater than or equal to the benefit payments projected for each future period. Therefore, the long-term expected rate of return on Plan investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

The best estimate for the long-term expected rate of return of 6.00 percent was determined by adding expected inflation to expected long-term real returns and reflecting expected volatility and correlation. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. The table below reflects long-term expected real rate of return presented as arithmetic and geometric means by asset class.

Asset Class	Target Allocation	Long-term Expected Real Rate of Return <sup>1</sup>
Equity	60.00%	6.76%
Fixed income	38.00%	2.15%
REITs	0.00%	0.00%
Cash	2.00%	0.00%
Total	<u>100.00%</u>	

<sup>1</sup>JPMorgan 2023 arithmetic Long Term Capital Market assumptions and expected inflation of 2.62%

**Sensitivity of the Net Pension Liability to Changes in the Discount Rate**

The following presents the District’s net pension liability at June 30, 2022 and 2021, calculated using the discount rate, as well as what the District’s net pension liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	Miscellaneous	
	2022	2021
1% Decrease	5.00%	6.00%
Net Pension Liability (Asset)	\$ (1,297,896)	\$ (2,442,439)
Current Discount Rate	6.00%	7.00%
Net Pension Liability (Asset)	\$ (882,578)	\$ (2,008,214)
1% Increase	7.00%	8.00%
Net Pension Liability (Asset)	\$ (389,288)	\$ (1,711,265)

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Single Employer Defined Benefit Pension Plan (Continued)***

***B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)***

At June 30, 2022 (measurement date 2022), the change in the Net Pension Liability for the Plan is as follows:

	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability (Asset)
Balance at June 30, 2021 (Measurement Date)	\$ 4,697,368	\$ 6,705,582	\$ (2,008,214)
Changes during the year:			
Service cost	-	-	-
Interest on the total pension liability	276,726	-	276,726
Differences between expected and actual experience	(80,315)	-	(80,315)
Changes in assumptions	4,891	-	4,891
Changes in benefit terms	-	-	-
Contributions - employer	-	-	-
Contributions - employee	-	-	-
Net investment income	-	(922,370)	922,370
Administrative expenses	-	(1,964)	1,964
Benefit payments	(173,066)	(173,066)	-
Other miscellaneous income/(expense)	-	-	-
Net changes	28,236	(1,097,400)	1,125,636
Balance at June 30, 2022 (Measurement Date)	\$ 4,725,604	\$ 5,608,182	\$ (882,578)

At June 30, 2021 (measurement date 2021), the change in the net pension liability (asset) for the Plan is as follows:

	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability (Asset)
Balance at June 30, 2020 (Measurement Date)	\$ 4,568,869	\$ 5,532,152	\$ (963,283)
Changes during the year:			
Service cost	-	-	-
Interest on the total pension liability	269,016	-	269,016
Differences between expected and actual experience	49,189	-	49,189
Changes in assumptions	(16,640)	-	(16,640)
Changes in benefit terms	-	-	-
Contributions - employer	-	-	-
Contributions - employee	-	-	-
Net investment income	-	1,348,545	(1,348,545)
Administrative expenses	-	(2,049)	2,049
Benefit payments	(173,066)	(173,066)	-
Other miscellaneous income/(expense)	-	-	-
Net changes	128,499	1,173,430	(1,044,931)
Balance at June 30, 2021 (Measurement Date)	\$ 4,697,368	\$ 6,705,582	\$ (2,008,214)

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Single Employer Defined Benefit Pension Plan (Continued)***

***B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)***

For the year ended June 30, 2022 and 2021, the District recognized pension expense of \$75,209 and \$293,804, respectively. At June 30, 2022 and 2021, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	2022		2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between actual and expected experience	\$ 64,722	\$ (66,622)	\$ 94,696	\$ (21,482)
Change in assumptions	3,644	(23,397)	-	(42,844)
Net differences between projected and actual earnings on plan investments	469,022	-	-	(783,866)
Total	<u>\$ 537,388</u>	<u>\$ (90,019)</u>	<u>\$ 94,696</u>	<u>\$ (848,192)</u>

As of the measurement date, June 30, 2022, other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2023	\$ 66,816
2024	69,007
2025	47,619
2026	263,927
2027	-
Thereafter	-
Total	<u>\$ 447,369</u>

As of the measurement date, June 30, 2021, other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2022	\$ (201,419)
2023	(177,865)
2024	(175,674)
2025	(198,538)
2026	-
Thereafter	-
Total	<u>\$ (753,496)</u>

**Payable to the Pension Plan** – At June 30, 2022 and 2021, the District did not have a payable for an outstanding amount of contributions payable to the pension plan.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan***

**A. General Information about the Plan**

Plan Description

Starting October 29, 2005, the District provides pension benefits to eligible employees through a cost-sharing multiple-employer defined benefit pension plan administered by the California Public Employees Retirement System (CalPERS). CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by State statute and District ordinance. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions, and membership information that can be found on the CalPERS website.

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full-time employment. Members with five years of total service are eligible to retire at age 50-55 with statutorily reduced benefits. Death benefits are the pre-retirement Optional Settlement 2W Death Benefit, and the post-retirement death benefit lump sum. The cost-of-living adjustments for each plan are applied as specified by the Public Employees Retirement Law.

The Plan's provisions and benefits in effect at June 30, 2022, are summarized as follows:

	CalPERS Miscellaneous Plan	
	Tier I	PEPRA
Hire Date	Prior to January 1, 2013	On or after January 1, 2013
Benefit Formula	2.0% @ 60	2.0% @ 62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	60	62
Monthly benefits, as a % of eligible compensation	2.0%	2.0%
Required employee contribution rate	7.000%	6.750%
Required employer contribution rate	8.794%	6.732%

Employees Covered

At June 30, 2022 (valuation date June 30, 2020) and June 30, 2021 (valuation date June 30, 2019), the following employees were covered by the benefit terms:

	2022	2021
Active members	15	15
Transferred members	7	7
Separated members	7	8
Retired members and beneficiaries	11	10
Total	<u>40</u>	<u>40</u>

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

**A. General Information about the Plan (Continued)**

Contributions

The District makes partial contributions required of District employees on their behalf and for their account depending upon date of hire. Employee members are required to make contributions of their annual covered salary in an amount depending upon date of hire. The contribution requirements of plan are established and may be amended by CalPERS. Section 20814(c) of the California Public Employees’ Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plans are determined annually on an actuarial basis as of June 30 each year, by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The District is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

For the years ended June 30, 2022 and 2021 (measurement date 2021 and 2020), the plan’s proportionate share of aggregate contributions recognized as part of pension expense were:

	2022	2021
Contributions - employer	\$ 246,025	\$ 1,058,532
Contributions - employee	\$ 214,476	\$ 209,521

**B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions**

As of June 30, 2022 and 2021 (measurement dates 2021 and 2020), the District reported \$(1,224,347) and \$736,988 of net pension liability/(asset) for its proportionate share of the aggregate net pension liability.

The District’s plan’s net pension liability is measured as the proportionate share of the net pension liability. The net pension liability of the plan is measured as of June 30, 2021, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2020 rolled forward to June 30, 2021 using standard update procedures. The District’s proportion of the net pension liability was based on a projection of the District’s long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

The following is the approach established by the plan actuary to allocate the net pension liability and pension expense to the individual employers within the risk pool:

- (1) In determining a cost-sharing plan's proportionate share, total amounts of liabilities and assets are first calculated for the risk pool as a whole on the valuation date (June 30, 2020). The risk pool's fiduciary net position ("FNP") subtracted from its total pension liability ("TPL") determines the net pension liability ("NPL") at the valuation date.
- (2) Using standard actuarial roll forward methods, the risk pool TPL is then computed at the measurement date (June 30, 2021). Risk pool FNP at the measurement date is then subtracted from this number to compute the NPL for the risk pool at the measurement date. For purposes of FNP in this step and any later reference thereto, the risk pool's FNP at the measurement date denotes the aggregate risk pool's FNP at June 30, 2021 less the sum of all additional side fund (or unfunded liability) contributions made by all employers during the measurement period (FY2021).

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

***B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)***

- (3) The individual plan's TPL, FNP, and NPL are also calculated at the valuation date.
- (4) Two ratios are created by dividing the plan's individual TPL and FNP as of the valuation date from step (3) by the amounts in step (1), the risk pool's total TPL and FNP, respectively.
- (5) The plan's TPL as of the measurement date is equal to the risk pool TPL generated in step (2) multiplied by the TPL ratio generated in step (4). The plan's FNP as of the measurement date is equal to the FNP generated in step (2) multiplied by the FNP ratio generated in step (4) plus any additional side fund (or unfunded liability) contributions made by the employer on behalf of the plan during the measurement period.
- (6) The plan's NPL at the measurement date is the difference between the TPL and FNP calculated in step (5).

The District's proportionate share of the net pension liability as of June 30, 2021, 2020, and 2019 (measurement date) were as follows:

Proportion June 30, 2019	0.00536%
Proportion June 30, 2020	0.00677%
Change - Increase (Decrease)	0.00141%
Proportion June 30, 2021	-0.02264%
Change - Increase (Decrease)	-0.02941%

**Pension Expense and Deferred Outflows/Inflows of Resources Related to Pensions**

For the years ended June 30, 2022 and 2021, the District recognized pension expense/(credit) of \$(1,944,970) and \$439,343, respectively. At June 30, 2022 and 2021, the District reported deferred outflows of resources and deferred inflows of resources related to this pension plan from the following sources:

	2022		2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 246,025	\$ -	\$ 1,058,532	\$ -
Differences between actual and expected experience	-	(137,297)	37,979	-
Change in assumptions	-	-	-	(5,256)
Change in employer's proportion	88,226	(260,942)	206,093	-
Differences between employer's contributions and the proportionate share of contributions	497,267	(48,246)	-	(95,076)
Net differences between projected and actual earnings on plan investments	1,068,791	-	21,893	-
Total	\$ 1,900,309	\$ (446,485)	\$ 1,324,497	\$ (100,332)

The \$246,025 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2023.



**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

***B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)***

Pension Expense and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)

As of the measurement date June 30, 2021, other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2023	\$ 306,896
2024	308,293
2025	297,252
2026	295,358
2027	-
Thereafter	-
Total	<u>\$ 1,207,799</u>

In the previous year, other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2022	\$ 79,482
2023	46,585
2024	29,066
2025	10,500
2026	-
Thereafter	-
Total	<u>\$ 165,633</u>

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

**C. Actuarial Assumptions**

The total pension liabilities in the June 30, 2020 (reporting date June 30, 2022) and 2022 (reporting date June 30, 2021) actuarial valuation were determined using the following actuarial assumptions:

	CalPERS Miscellaneous Plan	
	June 30, 2022	June 30, 2021
Valuation Date	June 30, 2020	June 30, 2019
Measurement Date	June 30, 2021	June 30, 2020
Actuarial Cost Method	Entry-Age Normal Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions:		
Discount Rate	7.15%	7.15%
Inflation	2.50%	2.50%
Salary Increases (1)		
Mortality Rate Table (2)		
Post Retirement Benefit Increase (3)		

(1) Varies by entry age and service.

(2) The mortality table used was developed based on CalPERS specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and post-retirement mortality rates include 15 years of projected mortality improvements using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

(3) The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.50% thereafter

**Change in Assumptions** – GASB 68, paragraph 30 states that the long-term expected rate of return should be determined net of pension plan investment expense, but without reduction for pension plan administrative expense. In both the current and prior year, the actuarial report did not have a change of assumption. Further details of the Experience Study can be found on the CalPERS website.

**D. Discount Rate**

**Discount Rate** – The discount rate used to measure the total pension liability was 7.15 percent. To determine whether the municipal bond rate should be used in the calculation of a discount rate for each plan, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.15 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.15 percent is applied to all plans in the Public Employees Retirement Fund. The cash flows used in the testing were developed assuming that both members and employers will make their required contributions on time and as scheduled in all future years. The stress test results are presented in a detailed report called “GASB Crossover Testing Report” that can be obtained at CalPERS’ website under the GASB 68 section.

**Long-Term Expected Rate of Return** – The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

***D. Discount Rate (Continued)***

In determining the long-term expected rate of return, both short-term and long-term market return expectations as well as the expected pension fund cash flows were considered. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11–60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

The table below reflects long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation.

Asset Class	New Strategic Allocation	Real Return Years 1 - 10 <sup>(a)</sup>	Real Return Years 11+ <sup>(b)</sup>
Global Equity	50.00%	4.80%	5.98%
Fixed Income	28.00%	1.00%	2.62%
Inflation Assets	0.00%	0.77%	1.81%
Private Equity	8.00%	6.30%	7.23%
Real Assets	13.00%	3.75%	4.93%
Liquidity	1.00%	0.00%	-0.92%
Total	100.00%		

(a) An expected inflation of 2.00% used for this period

(b) An expected inflation of 2.92% used for this period

***E. Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate***

The following presents the District's proportionate share of the net pension liability as of June 30, 2022 and 2021, calculated using the discount rate, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	Miscellaneous	
	2022	2021
1% Decrease	6.15%	6.15%
Net Pension Liability (Asset)	\$ (120,151)	\$ 1,736,825
Current Discount Rate	7.15%	7.15%
Net Pension Liability (Asset)	\$ (1,224,347)	\$ 736,988
1% Increase	8.15%	8.15%
Net Pension Liability (Asset)	\$ (2,137,171)	\$ (89,147)

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 11 – Pension Plans (Continued)**

***Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Continued)***

***E. Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate (Continued)***

**Pension Plan Fiduciary Net Position** – Detailed information about the District's pension plan's fiduciary net position is available in the separately issued CalPERS financial reports.

**Payable to the Pension Plan** – At June 30, 2022 and 2021, the District did not have a payable for an outstanding amount of contributions payable to the pension plan.

**Note 12 - Risk Management**

The District is exposed to various risks of loss related to torts, theft of, damage to, and destruction of assets, errors and omissions, injuries to employees, and natural disasters. The District maintains a third-party insurance policy. This policy covers solely the District's property and equipment located on State Route 1 in Carmel, California, and not property and equipment owned by other government agencies that may be physically located on CAWD property.

The District is a member of the California Sanitation Risk Management Authority (CSRMA), an established public entity risk pool that operates as a common risk management and insurance program for 60 government members. The District pays an annual premium to the risk pool for its workers' compensation, excess workers compensation, property, and general coverage. Risk of loss is retained for general liability claims. The agreement with the risk pool provides that it will be self-sustaining through member premiums and additional policies purchased from commercial insurance companies for general liability claims, and for excess workers' compensation claims. The District's share of CSRMA year-end assets, liabilities, and retained earnings has not been calculated by the CSRMA. Financial statements may be obtained from CSRMA, 100 Pine Street, 11<sup>th</sup> Floor, San Francisco, California 94111.

Health Life and Vision Insurance - the District participates in a group health insurance plan, which provides benefits for all qualified employees.

Dental Insurance - the District has elected to self-insure for dental insurance under a reimbursement plan. The amount of the contingent liability, if any, at fiscal year-end is not material, however, the District is not aware of any significant claims currently pending.

**Note 13 – Commitments**

At June 30, 2022 and 2021, the District had the following amounts remaining on contracts:

	2022	2021
Contract commitments outstanding	\$ 5,673,128	\$ 12,156,653

**Carmel Area Wastewater District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended June 30, 2022 and 2021**

---

**Note 14 – Net Investment in Capital Assets**

At June 30, 2022 and 2021, net investment in capital assets consisted of the following:

	2022	2021
Capital assets, net	\$ 52,311,915	\$ 49,328,863
Less: current portion of long-term debt	(185,000)	(175,000)
Less: long-term debt, net of current portion	(400,000)	(585,000)
Net investment in capital assets	\$ 51,726,915	\$ 48,568,863

**Note 15 – Prior Period Adjustments**

In order to implement GASB Statement No. 84 – *Fiduciary Activities*, which should have been implemented during the fiscal year ended June 30, 2021, the District made the following prior period adjustments to beginning fiduciary net position in the Fiduciary Activities Pension Trust Fund:

	Pension Trust Fund	
	2022	2021
Fiduciary net position July 1,	\$ -	\$ -
Restatement for GASB 84 implementation	6,650,478	5,487,617
Restated fiduciary net position July 1,	\$ 6,650,478	\$ 5,487,617

*This page intentionally left blank.*

**REQUIRED SUPPLEMENTARY INFORMATION**  
**(Unaudited)**

*This page intentionally left blank.*



**Carmel Area Wastewater District**  
**Required Supplementary Information (Unaudited)**  
**For the Year Ended June 30, 2022**

**Schedule of Changes in the Net Pension Liability and Related Ratios – Single Employer Plan**

Fiscal year ended	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015
Measurement date	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
<b>Total pension liability</b>								
Service cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest on total pension liability	276,726	269,016	259,881	253,702	267,900	271,856	267,034	234,721
Differences between expected and actual experience	(80,315)	49,189	84,663	6,974	(80,294)	16,907	29,560	103,803
Changes in assumptions	4,891	(16,640)	(17,336)	(5,452)	(62,738)	-	-	(907,311)
Changes in benefit terms	-	-	-	-	-	-	-	-
Benefit payments, including refunds of employee contributions	(173,066)	(173,066)	(176,786)	(128,424)	(596,447)	(112,946)	(319,499)	(73,846)
<b>Net change in total pension liability</b>	<b>28,236</b>	<b>128,499</b>	<b>150,422</b>	<b>126,800</b>	<b>(471,579)</b>	<b>175,817</b>	<b>(22,905)</b>	<b>(642,633)</b>
<b>Total pension liability - beginning</b>	<b>4,697,368</b>	<b>4,568,869</b>	<b>4,418,447</b>	<b>4,291,647</b>	<b>4,763,226</b>	<b>4,587,409</b>	<b>4,610,314</b>	<b>5,252,947</b>
<b>Total pension liability - ending (a)</b>	<b>\$ 4,725,604</b>	<b>\$ 4,697,368</b>	<b>\$ 4,568,869</b>	<b>\$ 4,418,447</b>	<b>\$ 4,291,647</b>	<b>\$ 4,763,226</b>	<b>\$ 4,587,409</b>	<b>\$ 4,610,314</b>
<b>Plan fiduciary net position</b>								
Contributions - employer	\$ -	\$ -	\$ -	\$ 34,600	\$ 78,936	\$ 88,680	\$ 130,672	\$ 216,420
Contributions - employee	-	-	-	-	-	-	-	-
Investment income (net of administrative expenses)	(922,370)	1,348,545	278,846	264,302	364,427	374,628	(92,216)	227,644
Benefit payments	(173,066)	(173,066)	(176,786)	(128,424)	(596,447)	(112,946)	(319,499)	(73,846)
Administrative expenses	(1,964)	(2,049)	(2,009)	(1,842)	(1,844)	(1,763)	(6,847)	-
<b>Net change in plan fiduciary net position</b>	<b>(1,097,400)</b>	<b>1,173,430</b>	<b>100,051</b>	<b>168,636</b>	<b>(154,928)</b>	<b>348,599</b>	<b>(287,890)</b>	<b>370,218</b>
<b>Plan fiduciary net position - beginning</b>	<b>6,705,582</b>	<b>5,532,152</b>	<b>5,432,101</b>	<b>5,263,465</b>	<b>5,418,393</b>	<b>5,069,794</b>	<b>5,357,684</b>	<b>4,987,466</b>
<b>Plan fiduciary net position - ending (b)</b>	<b>\$ 5,608,182</b>	<b>\$ 6,705,582</b>	<b>\$ 5,532,152</b>	<b>\$ 5,432,101</b>	<b>\$ 5,263,465</b>	<b>\$ 5,418,393</b>	<b>\$ 5,069,794</b>	<b>\$ 5,357,684</b>
<b>Net pension liability (asset) - ending (a)-(b)</b>	<b>\$ (882,578)</b>	<b>\$ (2,008,214)</b>	<b>\$ (963,283)</b>	<b>\$ (1,013,654)</b>	<b>\$ (971,818)</b>	<b>\$ (655,167)</b>	<b>\$ (482,385)</b>	<b>\$ (747,370)</b>
Plan fiduciary net position as a percentage of the								
total pension liability (asset)	118.68%	142.75%	121.08%	122.94%	122.64%	113.75%	110.52%	116.21%
Covered payroll	\$ 804,534	\$ 784,366	\$ 747,631	\$ 711,527	\$ 680,149	\$ 683,592	\$ 759,350	\$ 785,681
Net pension liability (asset) as a percentage of covered-								
payroll	-109.70%	-256.03%	-128.84%	-142.46%	-142.88%	-95.84%	-63.53%	-95.12%

\* Historical information is presented for periods after implementation of GASB Statement No. 68

**Carmel Area Wastewater District**  
**Required Supplementary Information (Unaudited) (Continued)**  
**For the Year Ended June 30, 2022**

**Schedule of Contributions – Single Employer Plan**

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Contractually required contribution (actuarially determined)	\$ -	\$ -	\$ -	\$ -	\$ 103,838	\$ 78,940	\$ 88,667	\$ 130,567
Contributions in relation to the actuarially determined contributions	<u>-</u>	<u>-</u>	<u>-</u>	<u>(34,600)</u>	<u>(78,936)</u>	<u>(88,680)</u>	<u>(130,672)</u>	<u>(216,420)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (34,600)</u>	<u>\$ 24,902</u>	<u>\$ (9,740)</u>	<u>\$ (42,005)</u>	<u>\$ (85,853)</u>
Covered payroll	\$ 804,534	\$ 784,366	\$ 747,631	\$ 711,527	\$ 680,149	\$ 683,592	\$ 759,350	\$ 779,176
Contributions as a percentage of covered payroll	0.00%	0.00%	0.00%	4.86%	11.61%	12.97%	17.21%	27.78%
Notes to Schedule:								
Valuation Date	6/30/2022	6/30/2021	6/30/2020	6/30/2019	6/30/2018	6/30/2017	6/30/2016	6/30/2015

\* Historical information is presented for periods after implementation of GASB Statement No. 68

**Carmel Area Wastewater District**  
**Required Supplementary Information (Unaudited) (Continued)**  
**For the Year Ended June 30, 2022**

**Schedule of Proportionate Share of the Net Pension Liability and Related Ratios – Cost-Sharing Multiple-Employer Plan**

Fiscal year ended	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015
Measurement date	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
District's proportion of the net pension liability	-0.0226%	0.0068%	0.0054%	0.0041%	0.0045%	0.0033%	0.0005%	0.0101%
District's proportionate share of the net pension liability (asset)	\$ (1,224,348)	\$ 736,988	\$ 548,928	\$ 395,657	\$ 448,040	\$ 285,127	\$ (33,002)	\$ 629,116
District's covered payroll	\$ 2,949,036	\$ 2,758,226	\$ 2,531,591	\$ 2,252,020	\$ 2,177,857	\$ 2,030,331	\$ 2,053,405	\$ 1,868,031
District's proportionate share of the net pension liability as a percentage of its covered payroll	-41.52%	26.72%	21.68%	17.57%	20.57%	14.04%	-1.61%	33.68%
Plan fiduciary net position as a percentage of the total pension liability	88.29%	75.10%	75.27%	75.26%	73.31%	74.06%	78.40%	79.82%

\* Historical information is presented for periods after implementation of GASB Statement No. 68

**Carmel Area Wastewater District**  
**Required Supplementary Information (Unaudited) (Continued)**  
**For the Year Ended June 30, 2022**

**Schedule of Contributions – Cost-Sharing Multiple Employer Plan**

	2022	2021	2020	2019	2018	2017	2016	2015
Contractually required contribution (actuarially determined)	\$ 246,025	\$ 276,858	\$ 227,991	\$ 199,800	\$ 165,214	\$ 152,534	\$ 134,094	\$ 157,952
Contributions in relation to the actuarially determined contributions	(246,025)	(1,058,532)	(227,991)	(199,800)	(165,214)	(152,534)	(134,094)	(718,672)
Contribution deficiency (excess)	\$ -	\$ (781,674)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (560,720)
Covered payroll	\$ 3,002,520	\$ 2,949,036	\$ 2,758,226	\$ 2,531,591	\$ 2,252,020	\$ 2,177,857	\$ 2,030,331	\$ 2,053,405
Contributions as a percentage of covered payroll	8.19%	35.89%	8.27%	7.89%	7.34%	7.00%	6.60%	35.00%

Notes to Schedule:

Valuation Date	6/30/2020	6/30/2019	6/30/2018	6/30/2017	6/30/2016	6/30/2015	6/30/2014	6/30/2013
----------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial cost method	Entry age	Entry age	Entry age	Entry age	Entry age	Entry age	Entry age	Entry age
Amortization method	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Asset valuation method	Fair value	Fair value	Fair value	Fair value	Fair value	Fair value	Fair value	15 year smoothed market
Inflation	2.625%	2.625%	2.625%	2.75%	2.75%	2.75%	2.75%	2.75%
Salary increases	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Investment rate of return	7.25% (3)	7.25% (3)	7.25% (3)	7.375% (3)	7.50% (3)	7.50% (3)	7.50% (3)	7.50% (3)
Retirement age	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Mortality	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)

(1) Level percentage of payroll, closed

(2) Depending on age, service, and type of employment

(3) Net of pension plan investment expense, including inflation

(4) The probabilities of retirement are based on the CalPERS 2014 Experience Study for the period from 1997 to 2011

(5) Mortality assumptions are based on mortality rates resulting from the most recent CalPERS Experience Study adopted by the CalPERS Board.

\* Historical information is presented for periods after implementation of GASB Statement No. 68

**OTHER INFORMATION**  
**(Unaudited)**

*This page intentionally left blank.*

**Carmel Area Wastewater District  
Other Information  
For the Year Ended June 30, 2022**

**Budgetary Comparison Information**

	Final Budget (unaudited)	Actual	Variance Favorable (Unfavorable)
<b>OPERATING REVENUES</b>			
Sewer service fees	\$ 8,677,198	\$ 9,137,535	\$ 460,337
Treatment fees, PBCSD	1,158,000	1,499,575	341,575
Reclamation Project operating reimbursements	611,410	760,384	148,974
Liquid food waste fees	-	2,211	2,211
Brine disposal fees	30,000	103,353	73,353
Other operating revenues	84,000	126,154	42,154
<b>Total operating revenues</b>	<b>10,560,608</b>	<b>11,629,212</b>	<b>1,068,604</b>
<b>OPERATING EXPENSES</b>			
Maintenance	1,679,308	1,033,595	645,713
Collection	2,028,738	1,090,720	938,018
Treatment and disposal	5,611,255	1,263,306	4,347,949
Administration	1,217,493	823,525	393,968
Reclamation Project expenses	611,410	659,783	(48,373)
Waste to energy costs	16,277	1,929	14,348
Brine disposal costs	5,340	2,667	2,673
<b>Total operating expenses</b>	<b>11,169,821</b>	<b>4,875,525</b>	<b>6,294,296</b>
<b>Operating income (loss)</b>	<b>(609,213)</b>	<b>6,753,687</b>	<b>(5,225,692)</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>			
Property tax revenue	2,100,000	2,433,667	333,667
Investment earnings	450,000	193,608	(256,392)
Highlands Sewer Project assessment	212,800	100,652	(112,148)
PBCSD capital cost reimbursements	1,752,829	1,135,075	(617,754)
Reclamation Project capital cost reimbursements	207,750	80,803	(126,947)
Principal payment	(175,000)	(175,000)	-
Intergovernmental	-	318,372	318,372
Other nonoperating revenue	-	46,832	46,832
Interest and fiscal expenses	(35,306)	(34,310)	996
Other nonoperating expenses	(2,600)	(2,228)	372
<b>Total nonoperating revenues (expenses)</b>	<b>4,510,473</b>	<b>4,097,471</b>	<b>(413,002)</b>
<b>Changes in net position</b>	<b>\$ 3,901,260</b>	<b>10,851,158</b>	<b>\$ (5,638,694)</b>
<b>Reconciliation to Full Accrual Basis</b>			
Adjust for depreciation		(2,888,321)	
Adjustment for principal payment		175,000	
<b>Net position, beginning of year</b>		<b>93,156,111</b>	
<b>Net position, end of year</b>		<b>\$ 101,293,948</b>	

**Carmel Area Wastewater District  
Other Information (Continued)  
For the Year Ended June 30, 2022**

---

**Notes to Budgetary Comparison Information**

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.





**REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON  
COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS  
PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

**Independent Auditors' Report**

Board of Directors  
Carmel Area Wastewater District  
Carmel, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Carmel Area Wastewater District, California (the "District"), which comprise the statement of net position as of June 30, 2022, and the related statements of revenues, expenses and changes in net position, and cash flows for the year then ended, and the related notes, which collectively comprise the basic financial statements and have issued our report thereon dated December 14, 2022.

**Report on Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We identified finding 2022-001 on the Schedule of Findings as a significant deficiency.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

## **Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

## **District's Response to Findings**

The District's response to the finding identified in our audit is described in the accompanying *Schedule of Findings*. The District's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

## **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in black ink that reads "The PwC Group, LLP". The signature is written in a cursive, flowing style.

San Diego, California  
December 14, 2022

**Carmel Area Wastewater District**  
**Schedule of Findings**  
**For the Year Ended June 30, 2022**

---

**I. Current Year Findings**

**Finding 2022-001 – Implementation of GASB Statement No. 84, *Fiduciary Activities***

**Significant Deficiency**

**Criteria:**

In January 2017, the Government Accounting Standards Board (GASB) issued Statement No. 84, *Fiduciary Activities*. This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus of the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists.

An activity meeting the criteria should be reported in a fiduciary fund in the basic financial statements. Governments with activities meeting the criteria should present a statement of fiduciary net position and a statement of changes in fiduciary net position.

Application of this Statement was effective for reporting periods beginning after December 15, 2019, which was for the District's fiscal year beginning July 1, 2020 and ending June 30, 2021.

**Condition:**

The District failed to implement GASB Statement No. 84, *Fiduciary Activities*, during its fiscal year ended June 30, 2021. The District did not report the statement of fiduciary net position and the statement of changes in fiduciary net position of its single-employer pension plan in the fiduciary activities of the 2021 financial statements. In not doing so \$6,650,479 of the fiduciary net position of the Pension Trust Fund was not reported in the financial statements at June 30, 2021.

**Cause:**

The District was unaware of the requirement to implement GASB Statement No. 84, *Fiduciary Activities*, during its fiscal year ended June 30, 2021.

**Effect:**

As mentioned above in the Condition paragraph, not implementing GASB Statement No. 84 caused the District's Pension Trust Fund's fiduciary net position to be understated by \$6,650,479 at June 30, 2021.

**Repeat Finding:**

No.

**Recommendation:**

We recommend that the District keep abreast of upcoming GASB Statement implementation dates. This can be done by reviewing GASB's website as well as working with the external auditors to identify upcoming GASB Statement implementations that will affect the District's financial reporting.

**Views of Responsible Officials:**

The District agrees with the finding and will work in concert with the external auditors to make sure that all applicable future GASB Statements are implemented in a timely manner.

*This page intentionally left blank.*