
ARAPAHOE COUNTY
WATER AND WASTEWATER AUTHORITY
A Component Unit Of Arapahoe County
FINANCIAL STATEMENTS
DECEMBER 31, 2022

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Independent Auditors' Report

Board of Directors
Arapahoe County Water and
Wastewater Authority
Centennial, Colorado

Opinion

We have audited the financial statements of Arapahoe County Water & Wastewater Authority (ACWWA), a component unit of Arapahoe County, Colorado, which comprise the statement of net position as of December 31, 2022 and 2021, and the related statements of revenues, expenses and changes in net position and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of ACWWA as of December 31, 2022 and 2021, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis For Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditors' Responsibilities For The Audit Of The Financial Statements section of our report. We are required to be independent of ACWWA and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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 ACWWA's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

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 auditors' report that includes our opinion. 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 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, 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 ACWWA'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 ACWWA'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.

Other Matters

Required Supplemental Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages i through ix be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, which 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 audits 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.

Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise ACWWA's basic financial statements. The schedule of revenues and expenditures - budget and actual (budgetary basis); the reconciliation of budgetary basis to statement of revenues, expenses and changes in net position; the schedule of debt service requirements to maturity and the continuing disclosure annual financial information, shown on pages 30 to 39, are presented for purposes of additional analysis and are not a required part of the financial statements. The schedule of revenues and expenditures - budget and actual (budgetary basis); the reconciliation of budgetary basis to statement of revenues, expenses and changes in net position and the schedule of debt service requirements to maturity are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

The accompanying continuing disclosure annual financial information has not been subjected to the auditing procedures applied in the audits of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

BulfinBrown LLP

May 5, 2023

MANAGEMENT'S DISCUSSION AND ANALYSIS

The Arapahoe County Water and Wastewater ACWWA's (ACWWA's) discussion and analysis provides an overview of financial activities for the fiscal years ended December 31, 2022 and 2021. Please read it in conjunction with ACWWA's financial statements, which begin on page 1.

Financial Highlights

- ACWWA's assets exceeded its liabilities at the close of the 2022 fiscal year by \$10,908,000 (net position).
- The water and wastewater operations of ACWWA are business-type activities that are intended to recover all or a significant portion of their costs through user fees and charges. In 2022, ACWWA's water and sewer rates increased from 2% - 3%, as did the monthly water and sewer service fees. The water system investment fee did not increase.
- Operating revenues in 2022 of \$23,764,000 reflect an increase of \$1,070,000 or 4.7% from 2021.
- Operating expenses of \$16,115,000 increased \$1,157,000, or 7.7% from 2021 mostly due to operational costs and professional.
- Non-operating revenues increased approximately \$473,000, or 188% over 2021 due to a significant increase in investment income.
- Non-operating expenses increased \$47,000 or 1.30%, due to less bond interest offset by an increase loss on disposal of fixed assets.
- Tap and extra-territorial fees of \$6,215,000 reflect a decrease of \$3,135,000 or 33.5% from 2021. ACWWA sold 120 Water and Irrigation Taps and 132 Wastewater Taps.
- Capital assets, net of depreciation and depletion, increased \$821,000 or .4% from 2021.
- At December 31, 2022 and 2021, ACWWA's debt service coverage ratio was 2.12 and 2.67, respectively. Bond covenants require a coverage ratio of 1.25 or greater.

Overview of the Financial Statements

Management's discussion and analysis is intended to serve as an introduction to ACWWA's basic financial statements, which are comprised of the Statements of Net Position; the Statements of Revenue, Expenses, and Changes in Net Position; the Statements of Cash Flows, and the Notes to the Financial Statements. ACWWA's financial statements are presented as a special-purpose government engaged only in business-type (enterprise) activities: providing water and sewer utility services.

The Statement of Net Position presents information about ACWWA's assets, deferred outflows of resources, liabilities and deferred inflows of resources, with the difference between them reported as net position. Over time, increases and decreases in net position can serve as a useful indicator of whether the financial position of ACWWA is improving or deteriorating. Non-financial factors should also be considered to assess the overall position of ACWWA.

The Statement of Revenues, Expenses, and Changes in Net Position report the changes that have occurred during the year to ACWWA's net position. All changes in net position are reported as soon as the underlying event giving rise to the change occurs regardless of the timing of the related cash flows. Revenues and expenses are reported for some items that will only affect cash flows in subsequent years.

The Statements of Cash Flows is concerned solely with flows of cash and cash equivalents. Only transactions that affect ACWWA's cash position are reflected in this statement. Transactions are categorized as cash flows from operating, cash flows from capital and related financing activities, and cash flows from investing activities.

The notes to the financial statements provide additional information that is essential to a full understanding of the data provided in the financial statements. The supplemental information provides budget and actual information, debt service requirements, and continuing disclosure reporting.

Financial Summary and Analysis

	2022	2021
Current assets	\$ 53,529,203	\$ 46,670,246
Restricted assets	5,289,739	6,235,775
Capital assets, net	206,611,916	205,791,290
Deferred outflows of resources	1,378,295	1,504,551
Total assets	<u>266,809,153</u>	<u>260,201,862</u>
Current liabilities	\$ 7,418,974	\$ 7,309,074
Long-term obligations	103,348,506	107,758,688
Total liabilities	<u>110,767,480</u>	<u>115,067,762</u>
Net position:		
Net investment in capital assets	102,372,409	96,735,448
Debt reserve	-	552,500
Reserved for capital projects	552,500	553,453
Unrestricted	53,116,764	47,292,699
Total net position	<u>156,041,673</u>	<u>145,134,100</u>
Total liabilities and net position	<u>\$ 266,809,153</u>	<u>\$ 260,201,862</u>

Net Position

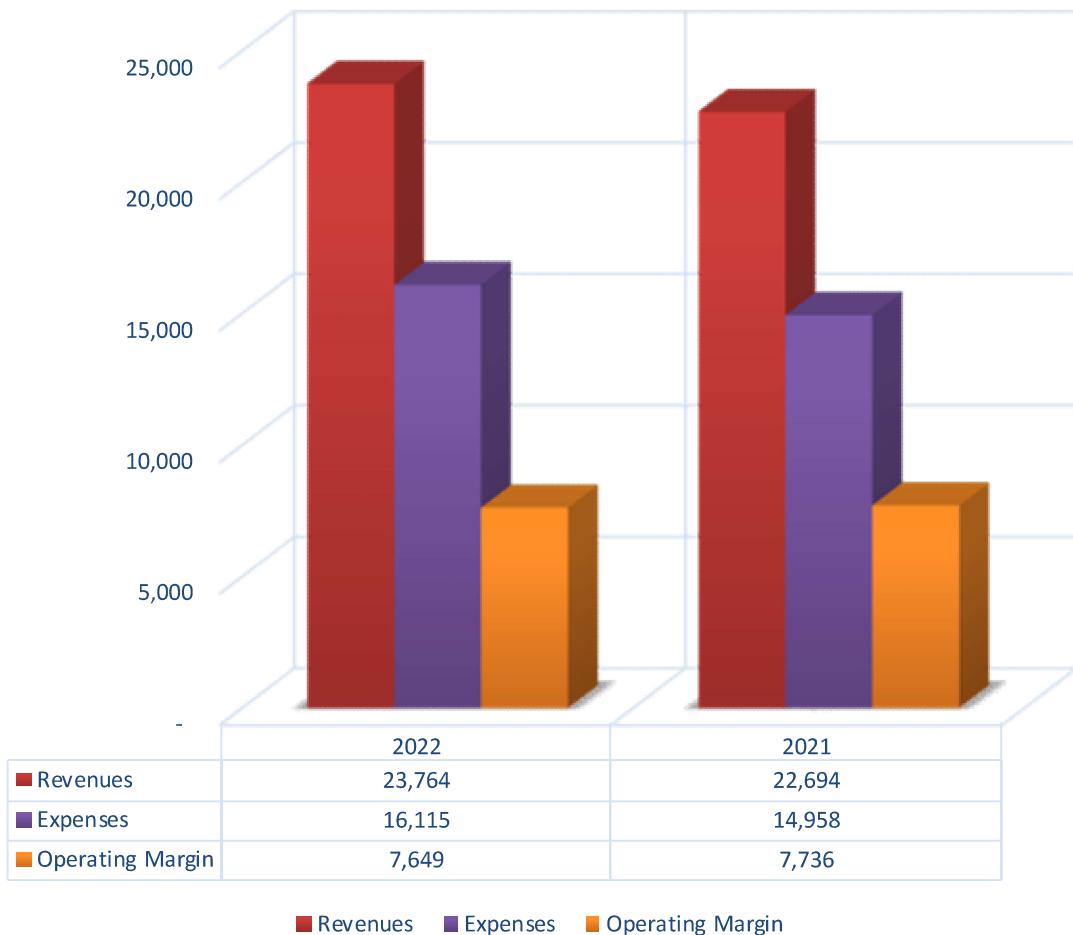
ACWWA's net position increased \$10,908,000 in 2022. Current assets at December 31, 2022 increased \$6,900,000 from December 31, 2021, primarily due to the decrease in pooled investments associated with capital spend. Receivables decreased slightly year over year. Restricted assets decreased \$946,000, as restricted funds were expended on designated capital projects.

Net capital assets increased \$821,000 as a result current year disposals of assets no longer in service, annual depreciation/depletion expense and less overall spend on capital projects and equipment. Total liabilities decreased of \$4,300,000 resulting primarily from the decrease in long-term debt associated with annual debt payment of revenue bonds payable. Detailed information about ACWWA's long-term debt and other liabilities can be found in Note 5 to the financial statements.

ACWWA's assets are primarily dedicated to providing water and wastewater services to its customers, and to the acquisition of water rights and related water and sewer system infrastructure. The acquisition of water rights ensures that the ACWWA will be able to provide reliable, high-quality water to its customers for the foreseeable future. While ACWWA's investment in its capital assets is used to generate revenues, the capital assets themselves are not intended to be liquidated to repay the debt related to these assets. Such debt repayment must be funded through future operations.

Certain of ACWWA's assets represent resources that are restricted as to how they must be used. Restricted cash and investments consists of debt service reserves and reserves for capital asset replacement at the Lone Tree Creek Water Reuse Facility (LTCWRF) and at the Joint Water Purification Plant (JWPP), as well as capital project funds for an expansion of East Cherry Creek Valley Water and Sanitation District's (ECCV) Northern Treatment Plant (NTP) and the conversion of the JWPP to a reverse osmosis/microfiltration plant. Restricted cash at December 31, 2022 decreased \$946,000 over December 31, 2021 primarily due to a decrease in the Northern Treatment Plant reserves during the year.

Operating Revenues and Expenses in Thousands (000's)



Change in Net Position

	2022	2021
Revenues		
Operating Revenue		
Water charges	\$ 15,587,682	\$ 14,740,124
Sewer charges	6,737,636	6,335,590
Fees for services	803,247	1,020,962
Water plant revenue	635,384	597,335
Total operating revenues	<u>23,763,949</u>	<u>22,694,011</u>
Non-operating Revenues		
Net investment income	725,339	19,921
Settlement revenue	-	232,089
Tap and extraterritorial fees	6,215,470	9,350,933
Total non-operating revenues	<u>6,940,809</u>	<u>9,602,943</u>
Total revenues	<u>30,704,758</u>	<u>32,296,954</u>
Expenses		
Operating expenses		
Salaries and benefits	4,314,498	4,412,670
Office expense	289,684	246,778
Professional services	943,312	565,253
Insurance	212,253	200,810
Operational	5,032,513	4,172,092
Contractual services	217,135	163,445
Repairs and maintenance	1,216,666	1,197,238
Utilities	1,334,764	1,159,732
Depreciation and depletion	2,543,335	2,793,052
Other supplies and expense	<u>11,018</u>	<u>46,902</u>
Total operating expenses	<u>16,115,178</u>	<u>14,957,972</u>
Non-operating expense		
Interest and fiscal charges	3,284,377	3,406,741
Loss on disposal of fixed assets	<u>397,630</u>	<u>228,155</u>
Total non-operating expenses	<u>3,682,007</u>	<u>3,634,896</u>
Total expenses	<u>19,797,185</u>	<u>18,592,868</u>
Change In Net Position	<u>10,907,573</u>	<u>13,704,086</u>
Total Net Position - Beginning Of Year	<u>145,134,100</u>	<u>131,430,014</u>
Total Net Position - End Of Year	<u><u>\$ 156,041,673</u></u>	<u><u>\$ 145,134,100</u></u>

Revenue and Expenditures

Operating revenue in 2022 increased \$1,070,000 or 4.7%, from 2021. Revenue from water charges increased 5.8% from 2021 and sewer revenue increased 6.3%. Fees for service increased 6.4% due to the significant increase in the number of taps sold year over year. Water plant revenue increased from 2021 by \$38,000. Currently, the Authority is contracted with Jacobs Engineering to run the plant following its reconversion to a reverse osmosis (RO) plant.

Operating expenses increased a total of \$1,157,000, or 7.7% from 2021. However, net of depreciation, operating expenses increased \$1,407,000.

Salaries and benefits decreased \$98,000 or 2.2% due to changes in staffing during the year. Office expense increased \$43,000. Professional services increased \$378,000 due to one-time costs related to the Cost of Service Study and the Strategic Asset Management Plan incurred during 2022.

Operational expenses increased \$860,000 over 2021 due to additional costs related to ditch assessments and increased ACWWA flow treatment costs. In addition to inflation related cost increases, more ACWWA flow water was treated and delivered during the year.

Repairs and maintenance costs of \$1,217,00 had a slight increase of \$19,000 over prior year mostly due to an overall increase in costs and activity in the service area.

Utilities increased \$175,000 due to an increase in rates and an overall increase in pumping costs due to the continued filling of Chamber's Reservoir that began during 2021.

Non-operating revenue increased \$473,000 due to a significant increase in investment income offset by a reduction of \$232,000 in settlement revenue.

Tap and extraterritorial fees decreased \$3,135,000 in 2022 due to fewer larger construction projects in comparison to prior year.

Non-operating expenses increased \$47,000 due to less interest and fiscal charges offset by a loss on disposal of out of service assets.

In comparison to the budgeted decrease in net position of \$5,360,000, the increase in net position of \$6,863,000 was favorable towards budget by \$12,223,000. In addition to a favorable revenue variance of \$5,882,000, capital outlay was \$5,222,000 below budget. The total 2022 capital project budget being carried forward to 2023 is \$6,612,000.

Capital Assets

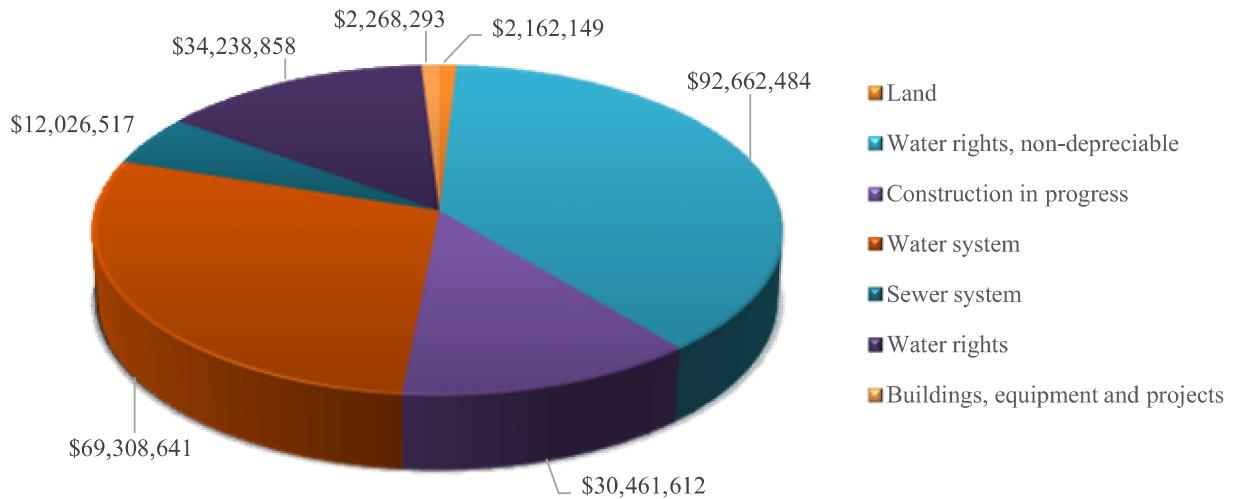
Gross capital assets increased \$821,000 in 2022 as ACWWA continued to make investments in water and wastewater infrastructure. Project expenditures included \$236,000 for the new booster pump station and expansion of ECCV's northern treatment plant, where water from the ACWWA Flow project is treated. Other significant capital additions included \$399,000 for the design of the third BNR clarifier, \$976,000 for the Chambers Reservoir Pump Station and Piping and \$299,000 for the expansion of the ECCV RO Northern Treatment plant. Once the ECCV projects are completed ACWWA anticipates to receive its full complement of 5.25 million gallons per day from its renewable northern water supply.

Other capital expenditures in 2022 included \$816,000 for adjudication of water rights, \$119,000 for VFD replacement at the wastewater plant and \$120,000 for the Master Plan Update.

Gross capital assets at December 31, 2022 are categorized as follows:

Capital Assets			
	December 31,		
	2022	2021	
Land	\$ 2,162,149	\$ 2,162,149	
Water rights, non-depreciable	92,662,484	89,293,405	
Construction in progress	30,461,612	34,303,427	
Water system	69,308,641	68,636,134	
Sewer system	12,026,518	10,078,123	
Water rights	34,238,858	34,238,858	
Buildings, equipment and projects	2,268,294	2,283,073	
Total capital assets	\$ 243,128,556	\$ 240,995,169	

Capital Assets, December 31, 2022



Long Term Debt

As of December 31, 2022, ACWWA had \$91,000,000 in outstanding revenue bonds payable and a CWCB loan of \$2,500,000 debt, an overall decrease of \$4,155,000 from prior year. The reduction in outstanding debt in 2022 was the result of scheduled debt principal repayments. Additional detail about ACWWA's long-term debt is presented in Note 5 of the financial statements.

Long-term Planning

For long-term planning, ACWWA refers to the 2015 cost-of-service study and financial model prepared by Carollo Engineering, as well as the Master Plan dated 2011. The Master Plan includes plans for ACWWA's long-term water supply, as well as the non-potable, wastewater, and distribution and collections systems. ACWWA is currently in the process of updating the Master Plan and has completed the first step, the Raw Water Supply Master Plan. A new cost-of-service study was finalized fall 2022 with any potential changes being planned for implementation for the 2024 calendar year.

Economic and Other Factors

Water and sewer rates and fees are set by ACWWA's Board of Directors to meet the cost of operations and to fund debt service. In 2022, water and sewer rates and service fees increased 3% and 2%, respectively. The monthly water investment fee did not increase.

During prior years, ACWWA has continued to experience strong tap sales from the continuous growth in the service area. However, it is expected that tap sales will begin to decline as the service area becomes built out. Management recognizes that tap sales are unpredictable and are highly dependent on economic factors such as interest rates and costs of building inputs, as well as demand for new commercial and residential developments. ACWWA has been able to add to its operating and capital reserves the past four years and plans to utilize these funds for future capital needs.

In 2023, ACWWA will continue to focus on capital improvement and infrastructure needs, maintenance of the water and wastewater systems, improving water quality, and cost containment to ensure system stability, meet growth needs, and maintain affordable rates for customers.

Requests for Information

This report is designed to provide a general overview of ACWWA's finances. Questions concerning any of the information provided here or requests for additional information should be addressed to:

Arapahoe County Water and Wastewater Authority
13031 E. Caley Avenue
Centennial, CO 80111

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

STATEMENT OF NET POSITION

Assets And Deferred Outflows Of Resources

	December 31,	
	2022	2021
Current Assets		
Cash and cash equivalents	\$ 7,491,855	\$ 13,897,419
Receivables	2,182,259	2,610,637
Prepaid expenses and other	514,479	451,379
Pooled investments	43,340,610	29,710,811
Total Current Assets	53,529,203	46,670,246
Restricted Assets		
Noncurrent cash and cash equivalents	5,289,739	4,908,391
Noncurrent pooled investments	—	1,327,384
Total Restricted Assets	5,289,739	6,235,775
Capital Assets, Net	206,611,916	205,791,290
Total Assets	265,430,858	258,697,311
Deferred Outflows Of Resources		
Deferred charges on refunding	1,378,295	1,504,551
Total Assets And Deferred Outflows Of Resources	\$ 266,809,153	\$ 260,201,862

Liabilities And Net Position

Current Liabilities		
Accounts payable and accrued expenses	\$ 2,460,090	\$ 1,970,263
Accrued payroll	87,473	82,154
Meter deposits	90,000	77,000
Escrowed development funds	232,904	244,043
Accrued interest payable	384,039	349,767
Compensated absences payable, current portion	409,468	430,847
Revenue bonds payable, current portion	3,755,000	4,155,000
Total Current Liabilities	7,418,974	7,309,074
Long-Term Liabilities		
Escrowed capital project funds	1,485,704	1,353,295
Revenue bonds payable, long-term portion	99,362,802	103,905,393
Note payable	2,500,000	2,500,000
Total Long-Term Liabilities	103,348,506	107,758,688
Total Liabilities	110,767,480	115,067,762
Net Position		
Net investment in capital assets	102,372,409	96,735,448
Restricted for capital projects	552,500	552,500
Restricted for debt reserve	—	553,453
Unrestricted	53,116,764	47,292,699
Total Net Position	156,041,673	145,134,100
Total Liabilities And Net Position	\$ 266,809,153	\$ 260,201,862

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**STATEMENT OF REVENUES, EXPENSES AND
CHANGES IN NET POSITION**

	For The Years Ended December 31,	
	2022	2021
Operating Revenue		
Water revenue	\$ 15,587,682	\$ 14,740,124
Sewer revenue	6,737,636	6,335,590
Fees for services	803,247	1,020,962
Water plant revenue	635,384	597,335
Total Operating Revenues	23,763,949	22,694,011
Operating Expenses		
Salaries and benefits	4,314,498	4,412,670
Office expense	289,684	246,778
Professional services	943,312	565,253
Insurance	212,253	200,810
Operational	5,032,513	4,172,092
Contractual services	217,135	163,445
Repairs and maintenance	1,216,666	1,197,238
Utilities	1,334,764	1,159,732
Depreciation and depletion	2,543,335	2,793,052
Other supplies and expense	11,018	46,902
Total Operating Expenses	16,115,178	14,957,972
Operating Income	7,648,771	7,736,039
Nonoperating Revenues		
Net investment income	725,339	19,921
Settlement revenue	—	232,089
Total Nonoperating Revenues	725,339	252,010
Nonoperating Expenses		
Interest and fiscal charges	3,284,377	3,406,741
Loss on disposal of fixed assets	397,630	228,155
Total Nonoperating Expenses	3,682,007	3,634,896
Income Before Contributions	4,692,103	4,353,153
Capital Contributions		
Tap and extraterritorial fees	6,215,470	9,350,933
Change In Net Position	10,907,573	13,704,086
Total Net Position - Beginning Of Year	145,134,100	131,430,014
Total Net Position - End Of Year	\$ 156,041,673	\$ 145,134,100

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

STATEMENT OF CASH FLOWS

	For The Years Ended December 31,	
	2022	2021
Cash Flows From Operating Activities		
Receipts from customers	\$ 24,192,327	\$ 22,508,920
Payments to suppliers	(8,817,618)	(7,679,557)
Payments to employees and related expenses	(4,330,558)	(4,352,585)
Net Cash Provided By Operating Activities	11,044,151	10,476,778
Cash Flows From Capital And Related Financing Activities		
Net tax and extraterritorial fees	6,215,470	9,350,933
Principal payments on bonds	(4,155,000)	(3,460,000)
Loan proceeds	—	271,173
Interest paid on revenue bonds	(3,911,440)	(4,073,839)
Payments for capital acquisitions	(3,761,592)	(6,005,589)
Settlement payment	—	232,089
Proceeds from sale of capital assets	—	4,398,720
Net Cash Provided By (Used In) Capital And Related Financing Activities	(5,612,562)	713,487
Cash Flows From Investing Activities		
Purchases of short-term pooled investments	(12,362,592)	(4,518,802)
Sales of short-term pooled investments	60,177	357,957
Interest received	725,339	19,921
Payments to escrowed development funds	121,270	173,100
Net Cash Used In Investing Activities	(11,455,806)	(3,967,824)
Net (Decrease) Increase In Cash And Cash Equivalents	(6,024,217)	7,222,441
Cash And Cash Equivalents - Beginning Of Year	18,805,811	11,583,370
Cash And Cash Equivalents - End Of Year	\$ 12,781,594	\$ 18,805,811
Reconciliation Of Operating Income To Net Cash From Operating Activities		
Operating income:	\$ 7,648,771	\$ 7,736,039
Adjustments to reconcile operating income to net cash from operating activities:		
Depreciation and depletion	2,543,335	2,793,052
Changes in asset and liabilities:		
Accounts receivable	428,378	(146,504)
Prepaid expenses	(63,100)	(349,648)
Accounts payable and accrued expenses	473,767	465,426
Deferred revenue	—	(38,587)
Meter deposits	13,000	17,000
Net Cash Provided By Operating Activities	\$ 11,044,151	\$ 10,476,778

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

NOTES TO FINANCIAL STATEMENTS December 31, 2022 And 2021

1. Definition Of Reporting Entity

The Arapahoe County Water and Wastewater Authority (ACWWA) was organized pursuant to Colorado State Statutes (CRS) 29-1-204.2 by an Intergovernmental Agreement (the IGA) between Arapahoe County (the County) and the Arapahoe Water and Sanitation District (the District) in 1988. ACWWA is governed by a Board of Directors appointed by the Arapahoe County Board of Commissioners. As of December 31, 2022, two of the five County Commissioners served on ACWWA's Board of Directors. ACWWA does not have taxing powers.

Effective January 1, 1989, the IGA granted to ACWWA all responsibility for and control over the District's operating system, including related operating assets, tap fees, contributions, revenues and expenses. The agreement provided for a lease of the District's property, plant and equipment, which would expire on the earlier of December 1, 2010 or upon the dissolution of the District. Pursuant to the IGA dated July 7, 1995, the County and ACWWA entered into a plan to dissolve the District. The voters of the District approved the plan and the Order of Dissolution was signed March 4, 2000 by the Arapahoe County District Court, officially dissolving the District. All property, assets and water rights were turned over to ACWWA, and any prior agreements between the two entities are subordinate to the July 7, 1995 agreement.

On February 6, 2002, the County entered into an IGA with the Arapahoe County Water and Wastewater Public Improvement District (PID). PID was organized in 2001, pursuant to the provisions of CRS Title 30, Article 20, Part 5, for the purpose of constructing certain public improvements to serve customers within and without its jurisdictional boundaries. The IGA was amended and restated, in part, to have PID replace the District as a party to the IGA. PID retains ACWWA as its management agency pursuant to this management agreement. In consideration for ACWWA's commitment to provide management service, PID agreed to issue general obligation bonds and certify a mill levy on property within PID at a level sufficient to make the annual debt service payments as identified in PID's annual capital plan. PID purchased certain assets from ACWWA's inventory with a replacement value of approximately \$32,000,000. Upon issuance of the first series of general obligation bonds and in consideration for conveyance of the assets, PID paid to ACWWA the replacement value of the assets. ACWWA, in recognizing its responsibilities to PID and reviewing its powers, determined that revenue from the sale of its assets shall be used for the repayment of the general obligation debt of PID. PID is a component unit of the County.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

ACWWA follows the Governmental Accounting Standards Board (GASB) accounting pronouncements which provide guidance for determining which governmental activities, organizations and functions should be included within the financial reporting of ACWWA.

GASB pronouncements set forth the financial accountability of a governmental organization's elected governing body as the basic criterion for including a possible component governmental organization in a primary government's legal entity. Financial accountability includes, but is not limited to, the appointment of a voting majority of the organization's governing body, the ability to impose its will on the organization, a potential for the organization to provide specific financial benefits or burdens and fiscal dependency.

ACWWA has implemented the provisions of GASB Statement No. 90, *Majority Equity Interests - an Amendment of GASB Statements No. 14 and No. 61*, and the Joint Water Purification Plant (JWPP) is included in the financial statements for ACWWA. See Note 7 for further discussion. ACWWA is considered a blended component unit of Arapahoe County.

2. Summary Of Significant Accounting Policies

The more significant accounting policies of ACWWA are described as follows:

The accounting policies of ACWWA conform to generally accepted accounting principles (GAAP) as applicable to governmental units accounted for as a proprietary enterprise fund. The enterprise fund is used since ACWWA's powers are related to those operated in a manner similar to a private utility system where net income and capital maintenance are appropriate determinations of accountability.

When both restricted and unrestricted resources are available for a specific use, it is ACWWA's policy to use restricted resources first, then unrestricted resources as they are needed.

Basis Of Accounting

ACWWA's records are maintained on the accrual basis of accounting. Revenue is recognized when earned, and expenses are recognized when the liability is incurred. Depreciation is computed and recorded as an operating expense. Expenditures for capital assets are shown as increases in assets. Redemptions of bonds and loans are recorded as a reduction in liabilities. Contributed assets from developers are recorded as capital contributions when received.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

Operating Revenues And Expenses

ACWWA distinguishes between operating revenues and expenses and nonoperating items in the statements of revenues, expenses and changes in net position. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with ACWWA's purpose of providing water and wastewater services to its customers. Operating revenues consist of charges to customers for service provided. Operating expenses include the cost of service, administrative expenses and depreciation of assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses or capital contributions.

Certain prior-year amounts in the statement of activities have been reclassified for consistency with the current-year presentation. These reclassifications had no effect on the reported results of operations in the prior year.

Budgets

In accordance with the State Budget Law, ACWWA's Board of Directors holds a public hearing in the fall each year to approve the budget and appropriate the funds for the ensuing year. The appropriation is at the total fund expenditures and other financing uses level and lapses at year end. ACWWA's Board of Directors can modify the budget by line item within the total appropriation without notification. The appropriation can only be modified upon completion of notification and publication requirements.

Cash Equivalents

For purposes of the statement of cash flows, ACWWA considers cash deposits and highly liquid investments (including restricted assets) with a maturity of three months or less when purchased to be cash equivalents.

Investments

Investments are carried at fair value.

Capital Assets

Capital assets, which include land, water rights, buildings, distribution and collection systems and machinery and equipment, are reported by ACWWA. Capital assets are recorded by ACWWA as assets with an initial, individual cost of more than \$5,000. Such assets are recorded at historical cost or estimated historical cost when provided or constructed. Donated and/or exchanged capital assets are recorded at the acquisition value at the date of donation or at the developers' cost.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend the life of the asset are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related fixed assets, as applicable.

Depreciation expense has been computed using the straight-line method over the estimated economic useful lives:

Water rights (nontributary only)	250 years
Tanks	40 - 50 years
Wells	25 years
Water mains	30 years
Sewer mains	20 years
Buildings	10 years
Sewer system	5 - 30 years
Water system	5 - 30 years
Equipment	3 - 5 years
Leasehold improvements	5 years

Tap Fees And Contributed Lines

Tap fees are recorded as nonoperating revenue in the period in which they are received or become collectible. Under ACWWA's policy, developers are required to pay for the equivalent cost of certain water lines previously constructed by ACWWA to serve the developers' property as actual development begins. Payments to other governments for the construction of capital infrastructure that ACWWA has a vested interest in, but are not operated or maintained by ACWWA, are recorded as capital assets.

Water Rights

The cost of water rights includes acquisition cost, legal and engineering costs related to the adjudication and development of those rights. Certain water rights to renewable water resources have a perpetual life and are not amortized. Nontributary water rights are being amortized over 250 years. All other costs, including costs incurred for the protection of water rights, are expensed.

Amortization

Bond premiums are deferred and amortized over the respective terms of the debt using the straight-line method, which approximates the effective interest method.

The deferred cost on debt refunding is amortized using the straight-line method, which approximates the effective interest method over the life of the new debt. The amortization amount is a component of interest expense.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

Compensated Absences

ACWWA's employees are entitled to certain compensated absences, in the form of vacation and sick leave benefits, and are accrued based on their length of employment. Compensated absences are accrued when incurred in the financial statements. At December 31, 2022, accrued vacation benefits are capped at 200 hours per employee. Sick leave benefits are accrued using the termination payment method. When terminations are made, employees are allowed up to 50% of their allowable 480 hours of accrued benefit. ACWWA has accrued \$409,468 and \$430,847 as of December 31, 2022 and 2021, respectively, for future payment of this earned leave.

Reimbursement Agreements

ACWWA may enter into various reimbursement agreements with developers. The terms of these agreements will vary based on the individual circumstances of each project and on the terms negotiated with each agreement.

3. Cash And Investments

Cash and cash equivalents as of December 31, 2022 and 2021 consisted of the following:

	2022	2021
Statement Of Net Position		
Cash and cash equivalents	\$ 7,491,855	\$ 13,897,419
Cash and cash equivalents - restricted	5,289,739	4,908,391
Total Cash And Cash Equivalents	\$ 12,781,594	\$ 18,805,810

The Colorado Public Deposit Protection Act (PDPA) requires that all units of local government deposit cash in eligible public depositories. Eligibility is determined by state regulators. Amounts on deposit in excess of federal insurance levels must be collateralized. The eligible collateral is determined by PDPA. PDPA allows the institution to create a single collateral pool for all public funds. The pool for all the uninsured public deposits as a group is to be maintained by another institution or held in trust. The market value of the collateral must be at least 102% of the aggregate uninsured deposits. The State Commissioners for banks and financial services are required by statute to monitor the naming of eligible depositories and reporting of the uninsured deposits and assets maintained in the collateral pools. At December 31, 2022 and 2021, ACWWA had bank deposits of \$12,817,186 and \$19,059,862, respectively, collateralized with securities held by the financial institution's agent, but not in ACWWA's name.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

Investments

ACWWA's investment policy limits its concentration of investments to those noted below, which are believed to have minimal credit risk, minimal interest rate risk and no foreign currency risk. Additionally, ACWWA is not subject to concentration risk disclosure requirements or subject to investment custodial credit risk for investments that are in the possession of another party.

CRS limits investment maturities to five years or less unless formally approved by the Board of Directors. Such actions are generally associated with a debt service reserve or sinking fund requirements.

Revenue bonds of local government securities, corporate and bank securities and guaranteed investment contracts not purchased with bond proceeds are limited to maturities of three years or less.

Colorado statutes specify investment instruments meeting defined rating and risk criteria in which local governments may invest, which include:

- Obligations of the United States, certain U.S. government agency securities and securities of the World Bank
- General obligation and revenue bonds of U.S. local government entities
- Certain certificates of participation
- Certain securities lending agreements
- Bankers' acceptances of certain banks
- Commercial paper
- Written repurchase agreements and certain reverse repurchase agreements collateralized by certain authorized securities
- Certain money market funds
- Guaranteed investment contracts
- Local government investment pools

ACWWA has investments in certain investment pools, either at net asset value (the NAV), which approximate fair value, or at amortized cost in accordance with GASB Statement No. 72, *Fair Value Measurement and Application*.

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

Notes To Financial Statements (*Continued*)

ACWWA's Colorado Government Liquid Asset Trust (COLOTRUST) external investment pool of \$42,791,804 at December 31, 2022 is valued using the NAV per share (or its equivalents) of the investments. ACWWA had \$30,498,679 invested in COLOTRUST at December 31, 2021. The investments do not have any unfunded commitments, redemption restriction or redemption notice periods. ACWWA's investment in the Colorado Surplus Asset Fund Trust (CSAFE) external investment pool of \$548,806 at December 31, 2022 is valued using amortized cost. ACWWA had \$539,516 invested in CSAFE at December 31, 2021.

These are investment trusts established for local government entities in Colorado to pool surplus funds and are registered with the State Securities Commissioner. The pools operate similarly to a money market fund, and each share is equal in value to \$1. Investments of the pool consist of U.S. Treasury bills, notes and note strips and repurchase agreements collateralized by pools in connection with the direct investment and withdrawal functions of the pools. Substantially all securities owned by the pool are held by the Federal Reserve Bank in the account maintained for the custodial banks. The custodian's internal records identify the investments owned by ACWWA.

Type Of Security	December 31, 2022		
	Fair Value	S&P Rating	Maturity 12 Months Or Less
COLOTRUST (external investment pool)	\$ 42,791,804	AAAm	\$ 42,791,804
CSAFE (external investment pool)	548,806	AAAf	548,806
	<u>\$ 43,340,610</u>		<u>\$ 43,340,610</u>

Type Of Security	December 31, 2021		
	Fair Value	S&P Rating	Maturity 12 Months Or Less
COLOTRUST (external investment pool)	\$ 30,498,679	AAAm	\$ 30,498,679
CSAFE (external investment pool)	539,516	AAAf	539,516
	<u>\$ 31,038,195</u>		<u>\$ 31,038,195</u>

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

Notes To Financial Statements (*Continued*)

4. Capital Assets

An analysis of the changes in capital assets for the years ended December 31, 2022 and 2021 is as follows:

	Balance At December 31, 2021	Increases	Decreases	Balance At December 31, 2022
Capital Assets, Not Being Depreciated				
Land	\$ 2,162,149	\$ —	\$ —	\$ 2,162,149
Water rights	89,293,405	3,369,079	—	92,662,484
Construction in progress	34,303,427	3,472,514	7,314,329	30,461,612
Total Capital Assets, Not Being Depreciated	125,758,981	6,841,593	7,314,329	125,286,245
Capital Assets, Being Depreciated				
Water system	68,636,134	805,277	132,770	69,308,641
Sewer system	10,078,123	3,399,482	1,451,087	12,026,518
Water rights	34,238,858	—	—	34,238,858
Buildings, equipment and projects	2,283,073	29,568	44,347	2,268,294
Total Capital Assets, Being Depreciated	115,236,188	4,234,327	1,628,204	117,842,311
Less Accumulated Depreciation For:				
Water system	23,327,390	2,039,036	121,089	25,245,337
Sewer system	7,872,609	324,358	1,068,081	7,128,886
Water right depletion	2,029,767	140,651	—	2,170,418
Buildings, equipment and projects	1,974,113	39,290	41,404	1,971,999
Total Accumulated Depreciation	35,203,879	2,543,335	1,230,574	36,516,640
Total Capital Assets, Being Depreciated, Net	80,032,309	1,690,992	397,630	81,325,671
Capital Assets, Net	\$ 205,791,290	\$ 8,532,585	\$ 7,711,959	\$ 206,611,916

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

Notes To Financial Statements (*Continued*)

	Balance At December 31, 2020	Increases	Decreases	Balance At December 31, 2021
Capital Assets, Not Being Depreciated				
Land	\$ 2,064,250	\$ 97,899	\$ —	\$ 2,162,149
Water rights	89,293,405	—	—	89,293,405
Construction in progress	29,564,876	5,988,071	1,249,520	34,303,427
Total Capital Assets, Not Being Depreciated	120,922,531	6,085,970	1,249,520	125,758,981
Capital Assets, Being Depreciated				
Water system	70,360,566	404,940	2,129,372	68,636,134
Sewer system	16,535,709	612,056	7,069,642	10,078,123
Water rights	37,816,585	—	3,577,727	34,238,858
Buildings, equipment and projects	3,980,088	25,260	1,722,275	2,283,073
Total Capital Assets, Being Depreciated	128,692,948	1,042,256	14,499,016	115,236,188
Less Accumulated Depreciation For:				
Water system	23,175,692	1,959,909	1,808,211	23,327,390
Sewer system	13,517,294	625,335	6,270,020	7,872,609
Water rights depletion	2,102,680	151,267	224,180	2,029,767
Buildings, equipment and projects	3,614,186	56,541	1,696,614	1,974,113
Total Accumulated Depreciation	42,409,852	2,793,052	9,999,025	35,203,879
Total Capital Assets, Being Depreciated, Net	86,283,096	(1,750,796)	4,499,991	80,032,309
Capital Assets, Net	\$ 207,205,627	\$ 4,335,174	\$ 5,749,511	\$ 205,791,290

Depreciation and depletion expense for the years ended December 31, 2022 and 2021 was charged to the following:

	2022	2021
Water	\$ 2,179,687	\$ 2,111,176
Sewer	324,358	625,335
Buildings, equipment and projects	39,290	56,541
	\$ 2,543,335	\$ 2,793,052

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

Notes To Financial Statements (*Continued*)

5. Long-Term Obligations

The following is an analysis of the changes in ACWWA's long-term obligations for the years ended December 31, 2022 and 2021:

	Balance At December 31, 2021	Increases	Decreases	Balance At December 31, 2022	Amounts Due Within One Year
Series 2012					
Revenue bonds	\$ 1,150,000	\$ —	\$ 1,150,000	\$ —	\$ —
Series 2016					
Revenue bonds	13,625,000	—	465,000	13,160,000	975,000
Bond premium	1,494,726	—	125,432	1,369,294	—
Series 2017					
Revenue bonds	12,280,000	—	705,000	11,575,000	860,000
Bond premium	899,733	—	75,502	824,231	—
Series 2019					
Revenue bonds	68,100,000	—	1,835,000	66,265,000	1,920,000
Bond premium	10,510,934	—	586,657	9,924,277	—
CWCB note payable	2,500,000	—	—	2,500,000	—
Total Bonds Payable	110,560,393	—	4,942,591	105,617,802	3,755,000
Compensated absences	430,847	272,735	294,114	409,468	—
Total Long-Term Obligations	\$ 110,991,240	\$ 272,735	\$ 5,236,705	\$ 106,027,270	\$ 3,755,000

	Balance At December 31, 2020	Increases	Decreases	Balance At December 31, 2021	Amounts Due Within One Year
Series 2012					
Revenue bonds	\$ 2,280,000	\$ —	\$ 1,130,000	\$ 1,150,000	\$ 1,150,000
Series 2016					
Revenue bonds	14,075,000	—	450,000	13,625,000	465,000
Bond premium	1,620,159	—	125,433	1,494,726	—
Series 2017					
Revenue bonds	12,410,000	—	130,000	12,280,000	705,000
Bond premium	975,234	—	75,501	899,733	—
Series 2019					
Revenue bonds	69,850,000	—	1,750,000	68,100,000	1,835,000
Bond premium	11,097,590	—	586,656	10,510,934	—
CWCB note payable	2,228,827	271,173	—	2,500,000	—
Total Bonds Payable	114,536,810	271,173	4,247,590	110,560,393	4,155,000
Compensated absences	384,150	270,797	224,100	430,847	430,847
Total Long-Term Obligations	\$ 114,920,960	\$ 541,970	\$ 4,471,690	\$ 110,991,240	\$ 4,585,847

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

The detail of ACWWA's bonds payable is as follows:

Series 2012 Revenue Refunding Loan

On October 18, 2012, ACWWA refunded the Series 2009B Revenue Bonds and entered into a loan agreement with Colorado State Bank and Trust dated October 18, 2012 in the amount of \$5,525,000. Principal and interest payments are due June 1 and December 1 in varying amounts through December 1, 2022, with a fixed interest rate of 2.16%. In accordance with the Trust Indenture, as of December 31, 2021, \$553,453 was held in reserve for both years. As of December 31, 2022, there was no amount required to be held in reserve, as the bond was paid in full during the year.

Series 2016 Revenue Refunding Bonds

On October 4, 2016, ACWWA issued \$16,475,000 of Revenue Refunding Bonds, Series 2016, with interest rates ranging from 2.00% to 4.00% to refund the outstanding Refunding Bonds, Series 2006. As a result, the 2006 refunding bonds are considered to be defeased, and the related liability for the Series 2006 bonds has been removed from ACWWA's liabilities. The purpose of this refunding was to reduce its total debt service payments over the next six years by \$3,392,816 and to realize an economic gain of \$3,040,287. Principal and interest payments are due June 1 and December 1 in varying amounts through December 1, 2033.

Series 2017 Revenue Refunding Bonds

On August 22, 2017, ACWWA issued \$12,720,000 of Revenue Refunding Bonds, Series 2017, with interest rates ranging from 2.00% to 4.00% to refund the outstanding Refunding Bonds, Series 2007. As a result, the 2007 refunding bonds are considered to be defeased, and the related liability for the Series 2007 bonds has been removed from ACWWA's liabilities. The purpose of this refunding was to reduce its total debt service payments over the term of the bonds by \$2,440,100 and to realize an economic gain of \$2,345,844. Principal and interest payments are due June 1 and December 1 in varying amounts through December 1, 2033.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

Series 2019 Revenue Refunding Bonds

On October 22, 2019, ACWWA issued \$71,485,000 of Revenue Refunding Bonds, Series 2019, with interest rates ranging from 4.00% to 5.00% to refund the outstanding Refunding Bonds, Series 2009A. As a result, the 2009A revenue bonds are considered to be defeased, and the related liability for the Series 2009A bonds has been removed from ACWWA's liabilities. The purpose of this refunding was to reduce its total debt service payments over the term of the bonds by \$15,451,417 and to realize an economic gain of \$12,497,890. Principal and interest payments are due June 1 and December 1 in varying amounts through December 1, 2039.

Pledged Revenue And Debt Coverage Requirements

Over the years, ACWWA has issued revenue bonds to fund capital projects and infrastructure of its water and sewer system, which has pledged "net revenue" (all income and revenues directly or indirectly derived by ACWWA less operation and maintenance expenses) toward the repayment of the revenue bonds noted above. Revenues are pledged until the bonds are paid off in full or refunded in full. Pledged revenues recognized for the years ended December 31, 2022 and 2021 were \$17,132,913 and \$20,132,035, respectively. Debt service payments for the years ended December 31, 2022 and 2021 were \$8,066,440 and \$7,502,048, respectively.

ACWWA's long-term obligations will mature as follows:

Year	Principal	Interest	Total
2023	\$ 3,755,000	\$ 3,752,700	\$ 7,507,700
2024	3,930,000	3,583,300	7,513,300
2025	4,085,000	3,423,950	7,508,950
2026	4,265,000	3,239,400	7,504,400
2027	4,465,000	3,046,650	7,511,650
2028 - 2032	25,455,000	12,098,350	37,553,350
2033 - 2037	30,850,000	6,620,000	37,470,000
2038 - 2039	14,195,000	859,800	15,054,800
Total Payments	\$ 91,000,000	\$ 36,624,150	\$ 127,624,150

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

Notes To Financial Statements (*Continued*)

Colorado Water Conservation Board Note Payable

In August 2020, ACWWA entered into an agreement with the Colorado Water Conservation Board (CWCB) for a loan in the amount of \$2,525,000 to be used for the Chambers Reservoir Line Rehabilitation project. The loan agreement calls for an interest rate of 1.9% payable over a period of 20 years. In August 2021, ACWWA and CWCB amended this agreement and increased the amount to be drawn on loan to \$4,040,000. A formal amortization schedule will be developed, and the note will begin payments upon project completion, which is expected to occur in 2023. ACWWA has drawn \$2,500,000 of the loan proceeds, which are included in long-term notes payable as of December 31, 2022.

6. Net Position

ACWWA has net position consisting of three components: net investment in capital assets, restricted for debt reserves and capital projects and unrestricted.

Net investment in capital assets consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvement of those assets. As of December 31, 2022 and 2021, ACWWA had net investment in capital assets calculated as follows:

	2022	2021
Net Investment In Capital Assets		
Capital assets, net	\$ 206,611,916	\$ 205,791,290
Deferred charges on refunding	1,378,295	1,504,551
Bond premium	(12,117,802)	(12,905,393)
Capital-related debt	(93,500,000)	(97,655,000)
Net Investment In Capital Assets	\$ 102,372,409	\$ 96,735,448

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

7. Intergovernmental Agreements

Cherry Creek Project Water Authority

ACWWA participates in the Cherry Creek Project Water Authority (CCPWA). CCPWA is expected to produce up to 2,000 acre feet of firm annual yield water, dependent on final configuration, for the use of the members. The amount of water to be received by each member will be based on each member's percentage of equity interest. ACWWA contributed over \$7,000,000 and expects to receive 41.25% of the water produced on the completion of future facilities. In 2019, ACWAA received \$2,990,259 for its share of a partial sale of the CCPWA asset and sold the remaining amount in 2021 for approximately \$4,500,000.

Town Of Castle Rock, Colorado

In October 2009, ACWWA entered into an agreement with the Town of Castle Rock, Colorado (Castle Rock), whereby ACWWA purchases a portion of Castle Rock's surplus water on an "as-available, as-needed basis." "As available" is defined as all surplus water not required in the management of Castle Rock's water resources. However, Castle Rock has an existing agreement for one acre foot of surplus water, which is considered a prior encumbrance and not available for ACWWA's use. ACWWA will pay \$250/acre foot of water. The agreement is one year annually renewable; either party may terminate this agreement with 90-days' notice. ACWWA has not utilized any water from Castle Rock to date pursuant to this agreement.

Cottonwood Water And Sanitation District Lease

In November 2012, ACWWA entered into a lease agreement with the Cottonwood Water and Sanitation District (CWSD) with respect to the Chambers Pipeline. ACWWA leased the pipeline from CWSD for transportation of raw water supplies for \$10 per year from October 22, 2012 through October 22, 2018. This lease was amended in 2019, and again in 2022 to extend the term of the agreement through May 1, 2024. During the term of the lease, ACWWA operates and maintains the Chambers Pipeline at its expense. At the end of the lease, ACWWA will return the pipeline to CWSD in the same condition as of the date of the lease. In the event of damage, CWSD and ACWWA will confer to determine a reasonable course of action; however, the costs of any repairs shall not be paid by ACWWA without ACWWA's consent, unless the damage is caused by ACWWA's use.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

CWSD - Sewer Service Agreement

In December 2012, ACWWA entered into a sewer service agreement with CWSD, whereby ACWWA agrees to receive and process wastewater from CWSD's sanitary sewer collection system, and thereafter to return or dispose of the effluent to CWSD, per the specific terms of the agreement.

ACWWA Flow Project

In 2009, in order to reduce its dependence upon nonrenewable water supplies such as Denver basin groundwater wells, ACWWA and PID (see Note 1) entered into an agreement with two water districts, East Cherry Creek Valley Water and Sanitation District (ECCV) and United Water and Sanitation District (United), whereby ACWWA and PID commenced acquiring, from United and ECCV, and developing water rights, easements and infrastructure, including interests in water treatment plants, recharge facilities, pipelines, pump stations, diversion facilities, storage and other water-related infrastructure with the intent of eventually providing 4,400 acre-feet of average annual yield renewable water to ACWWA's service area and customers. The water rights are acquired through purchases within the South Platte River Basin. This water is delivered to the Beebe Draw, a shallow underground aquifer system that was once a historic stream channel of the South Platte River. It is stored in the Beebe Draw until it is pumped out and delivered to the ECCV reverse osmosis (RO) water treatment plant, the second phase of which was completed and operating in 2021, where it is treated and delivered to ACWWA. ACWWA received 1,860 and 1,527 acre feet from the ACWWA flow project in 2022 and 2021, respectively.

One of the ACWWA flow storage projects, Chambers Reservoir, was completed in 2014. In the process of filling the reservoir, a leak was detected, and ACWWA has not yet utilized the reservoir. In 2019, ACWWA reached a settlement with the contractor who constructed the reservoir and began the necessary work to bring it back on-line. ACWWA completed the rehabilitation project and installed the new synthetic liner in 2020.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

At this time, all facilities have been constructed to utilize ACWWA's current capacity in the ECCV water treatment plan and ECCV pump stations, which is 5.25 million gallons per day (mgd). Significant infrastructure was constructed in 2019 and 2020, including the necessary storage tanks and pump stations to deliver 5.25 mgd from the project. Much work remains to adjudicate the remaining water rights that will allow ACWWA to receive the full 4,400 acre-feet of water per year. In December 2019, the Board executed an addendum to the IGA between United and ACWWA which extended the completion of the ACWWA Flow Project until December 31, 2024. As of December 31, 2022, ACWWA has spent approximately \$187,000,000 on the ACWWA Flow Project, with a current estimate of approximately \$23,000,000 of spending needed over several years to complete the project.

Inverness Water And Sanitation District

In April 2005, ACWWA, Inverness Water and Sanitation District (IWSD) and PID entered into an agreement for the financing and construction of a wastewater treatment plant expansion including discharges from IWSD to the Lone Tree Creek Wastewater Treatment Plant (WWTP). On September 30, 2011, the parties entered into the First Amendment to the 2005 Agreement to set the initial rate to be charged in 2011 for the treatment of effluent delivered by IWSD to WWTP and also to set the terms of a Renewal and Replacement Reserve Fund, which was established by both ACWWA and IWSD. The Renewal and Replacement Reserve Fund is contributed to annually, based on the established prorated share of capacity in WWTP. The maximum balance, once established, shall not exceed \$7,500,000 and is reviewed every four years as to the adequacy of the reserve amount and is adjusted accordingly. ACWWA and IWSD entered into the Second Amendment to the 2005 Agreement on September 30, 2015. This amendment establishes the rate-setting process to be followed in future years. The amendment also clarifies the use of the Renewal and Replacement Reserve.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

JWPP

In February 2002, ACWWA entered into an agreement with PID (see Note 1) with respect to the construction and operation of public improvements. In June 2003, ACWWA entered into an agreement with CWSD concerning the construction of water treatment facilities (now known as the Joint Water Purification Plant or JWPP). The 2003 agreement, among other things, assigns responsibility to ACWWA for the overall management and operations of JWPP. Under the terms of the agreement, ACWWA is to be the manager and operator of JWPP. In exchange for operating the plant, pursuant to a lease dated April 2002, PID has leased and will transfer its assets in JWPP to ACWWA for a nominal amount at the final payment of the last PID bonds issued pursuant to the 2001 bond authorization. In June 2010, JWPP was placed into service and began operations. On December 6, 2010, ACWWA received a Notice of Violation/Cease and Desist Order as a result of an alleged permit violation from the Colorado Department of Public Health and Environment, Division of Administration, Water Quality Control Division related to excess discharge of selenium in the waste product of JWPP which allegedly violated a federal Environmental Protection Agency standard. JWPP changed from a RO-based system to microfiltration in 2012 and operated as a microfiltration plant until December 2018. At that time, the plant was shut down so work could begin on converting the JWPP to a blended RO/microfiltration process, to utilize a biological treatment process to enable the brine stream from the RO process to be acceptably discharged into Windmill Creek. In August 2018, ACWWA and CWSD contracted Jacobs Engineering to run and manage the project at a cost of approximately \$9.6 million, with ACWWA contributing \$3.8 million and CWSD contributing the remaining \$5.8 million over the term of the agreement. The plant began processing water in late May of 2019. ACWWA and CWSD have contracted with Jacobs Engineering to operate the reconfigured plant, with the term beginning in May 2019 and currently running through 2032. The agreement was amended in 2019 and again in 2022. Jacobs continues to operate the JWPP; however, the reconversion project has not been completed.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

In December 2014, the parties entered into an agreement for the operation and maintenance of, and improvement to, JWPP by ACWWA as operator for PID, ACWWA and CWSD. The agreement shall be for the term of the useful life of JWPP and its process equipment existing now or as expanded, upgraded, improved or rebuilt by either party in the future. The parties agree that the useful life of the JWPP is estimated at 50 years, beginning September 1, 2010. The agreement shall continue in effect as long as JWPP is operating, unless amended or terminated by the parties. For purposes of determining the percentage of ownership in JWPP, the interests of ACWWA and PID (see Note 1) shall be combined into a single percentage that shall be considered, for purposes of this agreement only, to be owned by ACWWA. The JWPP land and building, other than the process equipment, is owned by CWSD and PID as tenants in common, with 36.67% ownership by CWSD and 63.33% ownership by PID and ACWWA. The process equipment is owned 77.78% by PID and ACWWA and 22.22% by CWSD. The percentage of capacity used for calculation of the payment of fixed costs by each party shall be 63.33% by ACWWA and 36.67% by CWSD. Each year by April 1, ACWWA performs a true-up of total costs and total volumes for the prior calendar year, based upon actual costs and invoices received. ACWWA, on behalf of JWPP, maintains both a separate JWPP general operating fund, along with a separate JWPP reserve fund. The minimum reserve fund of \$100,000 was funded in annual increments of \$20,000 beginning in January 2014. Both CWSD and ACWWA contribute sufficient dollars to maintain the reserve fund at its minimum balance and, as of December 31, 2022, the reserve was fully funded.

The operations, assets, liabilities and equity of JWPP are included in ACWWA's financial statements as a blended component unit in accordance with the provision of GASB Statement No. 90, *Majority Equity Interests - an Amendment of GASB Statements No. 14 and No. 61*.

Stonegate Village Metropolitan District

In February 2013, ACWWA entered into a limited wastewater system connection agreement with Stonegate Village Metropolitan District (SVMD), whereby ACWWA was authorized to make a connection to SVMD's wastewater system for the limited purpose of discharging the liquid waste from the chlorine analyzers that ACWWA will operate at the ECCV Connection Chlorination Vault. The volume of discharge shall not exceed 5,000 gallons per month. In exchange, ACWWA will pay regular monthly wastewater fees to SVMD.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

In February 2013, ACWWA entered into a limited potable water system connection agreement with SVMD, whereby ACWWA is authorized to make a connection to SVMD's potable water system to supply an emergency eyewash/shower station location at the Chambers Pump Station. The volume of water permitted shall not exceed 1,000 gallons per month. In exchange, ACWWA pays regular monthly water service fees to SVMD.

City Of Longmont, Colorado

In December 2015, ACWWA entered into a water supply agreement with the City of Longmont, Colorado (Longmont), ECCV and United. The term of this water supply agreement ran from July 1, 2016 to March 31, 2017. ACWWA, ECCV, United and Longmont entered into subsequent water supply agreements with similar terms every following year until 2022 when a 5-year agreement was reached. The term of the current agreement runs from July 1, 2022 through March 31, 2027. The agreement states that from July 1 through August 31, ECCV and ACWWA shall deliver fully consumable water from the ECCV/ACWWA Water Rights and/or the United/ACWWA Water Rights for the purpose of meeting Longmont's Bijou Ditch Loss Obligation. In exchange, from October 1 through March 31, Longmont shall release an amount equal to the number of acre-feet delivered by ECCV and ACWWA of fully consumable water owned by Longmont to ECCV and ACWWA for the purpose of meeting the ECCV/ACWWA Winter Return Flow Obligation.

City Of Aurora, Colorado

In November 2013, ACWWA entered into a license agreement with the City of Aurora, Colorado (Aurora), whereby Aurora authorized ACWWA to construct, operate, maintain, repair and replace certain sewer mains situated in the city.

Other Contracts

ACWWA is also a party to several other agreements with other governmental entities. These agreements do not have a material effect on the financial statements.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

8. Commitments And Contingencies

Construction Commitments

ACWWA has entered into various contracts and agreements with contractors and partner agencies for the improvement and upgrading of facilities. Total commitments with such contractors for 2022 and 2021 totaled approximately \$1,653,000 and \$1,020,000, respectively.

9. Defined Contribution Retirement Plans

ACWWA's Retirement Plan (the Plan) was established to qualify as a defined contribution plan under Sections 401(a) and 501(a) of the Internal Revenue Code. It was first adopted in 1990 and has been amended four times since. There are mandatory and discretionary employer contributions.

ACWWA's mandatory contributions during both 2022 and 2021 was 6.2% of employee compensation. Discretionary employer contributions are decided on an annual basis at the time of budget approval for the following budget year. The entire discretionary contribution was 3% of employee compensation during 2022 and 2021, with an available match up to an additional 5%. Under the Plan document and the Internal Revenue Code, the entire discretionary contribution is considered an employer contribution. Total Plan contributions for the years ending December 31, 2022 and 2021 were \$417,282 and \$406,126, respectively. Total payroll was \$3,295,714 and \$3,397,394 for the years ended December 31, 2022 and 2021, respectively. Total employer contributions represented 12.7% and 11.8% of total compensation for the years ended December 31, 2022 and 2021, respectively. An employee is not fully vested until the completion of four complete years of service. Vesting is 0% for less than one year, 25% for one to two years, 50% for two to three years, 75% for three to four years and 100% for over four years.

10. Related Party Transactions

As provided by the IGA between PID and ACWWA dated February 6, 2002 and PID's procedures, the Manager of ACWWA has contract signature authority for PID under certain circumstances, including the approval of certain expenditures on behalf of PID.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

11. Conflict Of Interest

State law requires that members of the Board of Directors verbally disclose potential conflicts of interest prior to discussing topics that may involve those conflicts of interest. The Directors have disclosed their potential conflicts in writing to the Secretary of State and the Secretary of ACWWA. On behalf of the board, these potential conflicts of interest as of December 31, 2022 are disclosed as follows:

- A board member owns a home in ACWWA's service area. The board member retired from CH2M Hill, now known as Jacobs Engineering.
- Two board members have contributed to the campaigns of various Arapahoe County Commissioners who have served or are currently serving on ACWWA's board.
- A board member is a member of the Arapahoe County Board of County Commissioners, the Centennial Airport Authority Board and is an alternate on the Southeast Metro Stormwater Authority Board. The board member has received campaign donations from employees of United and Mulhern MRE, Inc.
- A board member is a member of the Arapahoe County Board of County Commissioners and of the Southeast Metro Stormwater Authority Board.
- A board member owns a nominal amount of the ACWWA's Water and Wastewater Refunding Bonds Series 2018.

12. Risk Management

ACWWA is exposed to various risks of losses, including general liability (limited under the Colorado Governmental Immunity Act to \$424,000 per person and \$1,1950,000 per occurrence), property damage and employee life, medical, dental and accidental benefits. ACWWA has a risk management program, which includes commercial property insurance for catastrophic losses, including floods and earthquakes, for the operating plant. ACWWA also carries commercial insurance for employee life, health, accident and workers' compensation.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

Notes To Financial Statements (*Continued*)

ACWWA is also a member of the Colorado Special Districts Property and Liability Pool (the Pool) as of December 31, 2022 and 2021. The Pool is an organization created by intergovernmental agreement to provide property, liability, public official's liability, boiler and machinery and workers compensation coverage to its members. Settled claims have not exceeded this coverage in any of the past three fiscal years.

ACWWA pays annual premiums to the Pool for liability, property and public official's coverage, which are recorded as expenditures. In the event the aggregated losses incurred by the Pool exceed amounts recoverable from reinsurance contracts and funds accumulated by the Pool, the Pool may require additional contributions from Pool members. Any excess funds that the Pool determines are not needed for purposes of the Pool may be returned to the members pursuant to a distribution formula.

13. Tax, Spending And Debt Limitations

Article X, Section 20, of the Colorado Constitution, commonly known as the Taxpayer's Bill of Rights (TABOR), contains tax, spending, revenue and debt limitations that apply to the State of Colorado and all local governments.

Enterprises, defined as government-owned businesses authorized to issue revenue bonds and receiving less than 10% of annual revenue in grants from all state and local governments combined, are excluded from the provisions of TABOR. ACWWA's management believes a significant portion of its operations qualifies for this exclusion.

ACWWA's management believes it is in compliance with the provisions of TABOR. However, TABOR is complex and subject to interpretation. Many of the provisions will require judicial interpretation.

14. Subsequent Events

On May 1, 2023, ACWWA entered into a purchase agreement with a third party for the acquisition of commercial real estate for administrative office use in exchange for cash consideration in the amount of \$2,900,000.

Supplementary Information

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**SCHEDULE OF REVENUES AND EXPENDITURES -
BUDGET AND ACTUAL (BUDGETARY BASIS)**
For The Year Ended December 31, 2022

	Original And Final Budget	Actual	Variance With Budget Positive (Negative)
Revenues			
Water revenue	\$ 14,725,352	\$ 15,587,682	\$ 862,330
Sewer revenue	6,384,605	6,737,636	353,031
RO plant revenue	—	635,384	635,384
Interest	50,000	725,339	675,339
Fees for service	1,030,889	803,247	(227,642)
<u>Tap and territorial fees</u>	<u>5,180,989</u>	<u>6,215,470</u>	<u>1,034,481</u>
Total Revenues	27,371,835	30,704,758	3,332,923
Expenditures			
Salaries and benefits	4,849,927	4,314,498	535,429
Office expense	425,210	289,684	135,526
Professional services	918,854	943,312	(24,458)
Contractual services	138,522	217,135	(78,613)
Insurance	214,897	212,253	2,644
Capital outlay	12,529,000	3,761,592	8,767,408
Repair and maintenance	1,388,341	1,216,666	171,675
Utilities	1,238,712	1,334,764	(96,052)
Operational expenses	4,815,820	5,032,513	(216,693)
Other supplies and expense	1,000	11,018	(10,018)
Bond payments	8,142,232	8,066,440	75,792
Total Expenditures	34,662,515	25,399,875	9,262,640
Change In Net Position (Budgetary Basis)			
	\$ (7,290,680)	\$ 5,304,883	\$ 12,595,563

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**RECONCILIATION OF BUDGETARY BASIS
TO STATEMENT OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
For The Year Ended December 31, 2022**

Change In Net Position (Budgetary Basis)	\$ 5,304,883
Depreciation, depletion and amortization	(1,916,272)
Capital outlay	3,761,592
Loss on disposal of fixed assets	(397,630)
Bond principal payments	<u>4,155,000</u>
 Change In Net Position	 10,907,573
 Net Position, Beginning Of Year	 <u>145,134,100</u>
 Net Position, End Of Year	 <u>\$ 156,041,673</u>

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY
SCHEDULE OF DEBT SERVICE REQUIREMENTS TO MATURITY
December 31, 2022

December 31,	Principal		Interest		Principal		Interest		Principal		Interest		Principal		Interest		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Total	
2023	\$ 975,000	\$ 526,400	\$ 860,000	\$ 419,850	\$ 1,920,000	\$ 2,806,450	\$ 3,755,000	\$ 3,752,700	\$ 7,507,700									
2024	1,015,000	487,400	900,000	385,450	2,015,000	2,710,450	3,930,000	3,583,300	7,513,300									
2025	1,055,000	446,800	915,000	367,450	2,115,000	2,609,700	4,085,000	3,423,950	7,508,950									
2026	1,100,000	404,600	950,000	330,850	2,215,000	2,503,950	4,265,000	3,239,400	7,504,400									
2027	1,140,000	360,600	1,000,000	292,850	2,325,000	2,393,200	4,465,000	3,046,650	7,511,650									
2028	1,190,000	315,000	1,035,000	252,850	2,440,000	2,276,950	4,665,000	2,844,800	7,509,800									
2029	1,235,000	267,400	1,085,000	211,450	2,555,000	2,154,950	4,875,000	2,633,800	7,508,800									
2030	1,285,000	218,000	1,135,000	168,050	2,680,000	2,027,200	5,100,000	2,413,250	7,513,250									
2031	1,335,000	166,600	1,180,000	122,650	2,785,000	1,920,000	5,300,000	2,209,250	7,509,250									
2032	1,385,000	113,200	1,235,000	75,450	2,895,000	1,808,600	5,515,000	1,997,250	7,512,250									
2033	1,445,000	57,800	1,280,000	38,400	3,000,000	1,692,800	5,725,000	1,789,000	7,514,000									
2034	—	—	—	—	5,930,000	1,572,800	5,930,000	1,572,800	7,502,800									
2035	—	—	—	—	6,160,000	1,335,600	6,160,000	1,335,600	7,495,600									
2036	—	—	—	—	6,395,000	1,089,200	6,395,000	1,089,200	7,484,200									
2037	—	—	—	—	6,640,000	833,400	6,640,000	833,400	7,473,400									
2038	—	—	—	—	6,895,000	567,800	6,895,000	567,800	7,462,800									
2039	—	—	—	—	7,300,000	292,000	7,300,000	292,000	7,292,000									
Total	\$ 13,160,000	\$ 3,363,800	\$ 11,575,000	\$ 2,665,300	\$ 66,265,000	\$ 30,595,050	\$ 91,000,000	\$ 36,624,150	\$ 127,624,150									

**Continuing Disclosure Annual
Financial Information (Unaudited)**

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**HISTORICAL DEBT SERVICE COVERAGE¹
For The Six Years Ended December 31,**

	2017	2018	2019	2020	2021	2022
Operating Revenues²	\$ 20,221,834	\$ 20,796,413	\$ 20,897,612	\$ 22,262,408	\$ 22,694,011	\$ 23,763,949
Nonoperating Revenues³	12,713,788	13,193,920	11,174,771	5,904,928	9,602,943	6,940,809
Gross Revenues	32,935,622	33,990,333	32,072,383	28,167,336	32,296,954	30,704,758
Less Operation And Maintenance Expenses (Net Of Depreciation)²	(9,601,069)	(10,208,305)	(12,121,859)	(11,631,439)	(12,164,920)	(13,571,843)
Net Revenue	\$ 23,334,553	\$ 23,782,028	\$ 19,950,524	\$ 16,535,897	\$ 20,132,034	\$ 17,132,915
Historical Annual Debt Service⁴	\$ 9,186,724	\$ 10,120,571	\$ 10,083,849	\$ 7,502,399	\$ 7,533,839	\$ 8,066,440
Historical Coverage Factor	2.54	2.35	1.98	2.20	2.67	2.12

1. This table reflects actual, audited revenues, expenditures and debt service coverage.
2. Gross revenue and operation and maintenance expenses reflect ACWWA's audited financial statements.
3. Consists of one-time tap fees, gains on sales of assets, Build America Bond rebate and nonoperating interest
4. Constitutes the annual debt service on ACWWA's outstanding water and wastewater revenue bonds

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**WATER ENTERPRISE OPERATIONAL DATA
For The Year Ended December 31, 2022**

**Residential Water And Irrigation Volume Charges
For The Year Ended December 31, 2022**

For residential customers, ACWWA imposes a monthly service fee of \$44.65 plus a volume charge for each 1,000 gallons of metered usage, as follows:

<u>Usage Gallon/Month</u>	<u>From</u>	<u>To</u>	<u>Rate</u>
Block 1	—	4,000	\$ 4.32
Block 2	4,001	10,000	5.40
Block 3	10,001	30,000	6.75
Block 4	30,001	> 30,001	8.44

Usage is divided into four blocks, depending upon volume. Volume charges are imposed in different amounts for each block.

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

WATER ENTERPRISE OPERATIONAL DATA (*Continued*) For The Year Ended December 31, 2022

Nonresidential Meter Size Water And Irrigation Charges For The Year Ended December 31, 2022

Nonresidential customers pay service fees which vary based upon both meter size and monthly volume. The base monthly service fee is as follows:

Meter Size	Monthly Service Fee
3/4"	\$ 47.11
1"	94.21
1 1/2"	188.41
2"	376.83
3"	847.90
4"	1,789.99
6"	3,391.56

Nonresidential Water And Irrigation Volume Charges For The Year Ended December 31, 2022

Customer use is divided into four blocks, depending upon volume. Volume charges are imposed in different amounts for each block, as follows:

Metered Usage	3/4"	1"	1 1/2"	2"	3"	4"	6"
Block 1 from	—	—	—	—	—	—	—
Block 1 to	40,000	40,000	40,000	90,000	252,000	288,000	1,620,000
Block 2 from	40,001	40,001	40,001	90,001	252,001	288,001	1,620,001
Block 2 to	100,000	100,000	100,000	225,000	672,000	768,000	2,700,000
Block 3 from	100,001	100,001	100,001	225,001	672,001	768,001	2,700,001
Block 3 to	300,000	300,000	300,000	600,000	1,320,000	1,344,000	3,960,000
Block 4	>300,001	>300,001	>300,001	>600,001	>1,320,001	>1,344,001	>3,960,001
Volume Rate							
Block 1	\$ 4.82	\$ 4.82	\$ 4.82	\$ 4.82	\$ 4.82	\$ 4.82	\$ 4.82
Block 2	6.03	6.03	6.03	6.03	6.03	6.03	6.03
Block 3	7.53	7.53	7.53	7.53	7.53	7.53	7.53
Block 4	9.44	9.44	9.44	9.44	9.44	9.44	9.44

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

WATER ENTERPRISE OPERATIONAL DATA (*Continued*) For The Year Ended December 31, 2022

Historic And Current Tap Fee Amounts

A history of tap fee amounts collected since 2018 is set forth in the following table:

	Water And Irrigation			Sewer		
	Amount	\$ Increase	% Increase	Amount	\$ Increase	% Increase
2018	26,990	\$ 786	2.9%	7,657	\$ 150	2.0%
2019	27,800	810	2.9%	7,810	153	2.0%
2020	28,634	834	2.9%	7,966	156	2.0%
2021	29,493	859	2.9%	8,126	159	2.0%
2022	30,378	885	2.9%	8,288	163	2.0%

History Of Water, Sewer And Irrigation Tap Fee Collections

A history of taps issued and the fees collected from taps since 2018 is presented in the following table:

Year	Water And Irrigation		Sewer		Total Tap Fee	
	Number ¹	Revenue	Number	Revenue	Revenue	Revenue
2018	288	\$ 7,543,439	408	\$ 3,065,790	\$	10,609,229
2019	191	5,303,629	233	1,819,996		7,123,625
2020	134	3,844,912	153	1,221,694		5,066,606
2021	229	6,332,531	304	2,471,416		8,803,947
2022	120	3,607,305	132	1,092,060		4,699,365

1. Represents a tap equivalent.

Current Water And Irrigation Tap Equivalents As Of December 31, 2022

The following table sets forth a breakdown of water and irrigation tap equivalents by category and type of tap.

Customer Category	Type Of Tap			Percentage Of Total
	Water	Irrigation	Total	
Residential	3,098	1,202	4,300	42.4%
Nonresidential	4,561	1,270	5,831	57.6%
Total	7,659	2,472	10,131	100%

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**COMPARISON STATEMENT OF REVENUES,
EXPENSES AND CHANGES IN NET POSITION
For The Past Five Years Ending December 31,**

	2018	2019	2020	2021	2022
Operating Revenues					
Water revenue	\$ 12,961,677	\$ 13,168,781	\$ 14,680,735	\$ 14,740,124	\$ 15,587,682
Sewer revenue	5,810,633	6,039,682	6,137,308	6,335,590	6,737,636
Fees for services	1,378,371	1,276,567	874,012	1,020,962	803,247
Miscellaneous	645,732	412,582	570,353	597,335	635,384
Total Operating Revenues	20,796,413	20,897,612	22,262,408	22,694,011	23,763,949
Operating Expenses					
Salaries, payroll taxes and benefits	3,833,313	4,094,909	4,203,848	4,412,670	4,314,498
Office expense	205,229	251,613	282,458	246,778	289,684
Professional services	1,178,153	897,033	592,773	565,253	943,312
Insurance expense	154,140	154,712	172,153	200,810	212,253
Operational expense	2,259,269	2,520,022	4,044,753	4,172,092	5,032,513
Contractual services	251,619	225,250	149,919	163,445	217,135
Repairs and maintenance	1,077,415	2,819,013	1,112,733	1,197,238	1,216,666
Utilities	1,240,170	1,149,678	1,061,457	1,159,732	1,334,764
Depreciation and depletion	2,938,962	2,700,347	2,869,707	2,793,052	2,543,335
Other supplies and expense	8,997	9,629	11,345	46,902	11,018
Total Operating Expenses	13,147,267	14,822,206	14,501,146	14,957,972	16,115,178
Operating Income	7,649,146	6,075,406	7,761,262	7,736,039	7,648,771
Nonoperating Revenues					
Gain on sale of asset	49,772	—	—	—	—
Interest subsidy	1,817,124	1,795,107	—	—	—
In-kind contributions	—	605,300	—	—	—
Settlement revenue	—	850,000	390,000	232,089	—
Interest	717,795	800,739	258,034	19,921	725,339
Total Nonoperating Revenues	2,584,691	4,051,146	648,034	252,010	725,339
Nonoperating Expenses					
Bond issue costs	—	393,135	—	—	—
Interest and fiscal charges	6,727,905	6,271,670	3,519,201	3,406,741	3,284,377
Loss on disposal of fixed assets	—	—	—	228,155	397,630
Total Nonoperating Expenses	6,727,905	6,664,805	3,519,201	3,634,896	3,682,007
Income Before Contributions	3,505,932	3,461,747	4,890,095	4,353,153	4,692,103
Capital Contributions					
Tap and extraterritorial fees	10,609,229	7,123,625	5,256,894	9,350,933	6,215,470
Change In Net Position	14,115,161	10,585,372	10,146,989	13,704,086	10,907,573
Net Position - Beginning Of Year	96,582,492	110,697,653	121,283,025	131,430,014	145,134,100
Net Position - End Of Year	\$ 110,697,653	\$ 121,283,025	\$ 131,430,014	\$ 145,134,100	\$ 156,041,673

ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY

BUDGET TO ACTUAL (NON-GAAP) COMPARISON
OF RESULTS OF OPERATIONS
For The Years Ended December 31, 2022 And 2021

	Budget	Actual	Variance	Budget	Actual	Variance	Budget
	2021			2022			2023
Revenues							
Water revenue	\$ 13,767,748	\$ 14,740,124	\$ 972,376	\$ 14,725,352	\$ 15,587,682	\$ 862,330	\$ 16,214,658
Sewer revenue	6,541,835	6,335,590	(206,245)	6,384,605	6,737,636	353,031	6,762,748
Water plant revenue	—	597,335	597,335	1,092,615	635,384	(457,231)	761,976
Interest	300,000	19,921	(280,079)	50,000	725,339	675,339	300,000
Other user fees	1,030,134	1,020,962	(9,172)	1,030,889	803,247	(227,642)	793,281
Tap and territorial fees	5,046,834	9,350,933	4,304,099	5,180,989	6,215,470	1,034,481	5,324,382
Settlement revenue	—	232,089	—	—	—	—	—
Loan proceeds	—	271,173	271,173	1,500,000	—	(1,500,000)	—
Total Revenues	26,686,551	32,568,127	5,881,576	29,964,450	30,704,758	740,308	30,157,045
Expenses							
Salaries and benefits	4,594,142	4,412,670	(181,472)	4,849,927	4,314,498	(535,429)	5,028,919
Office expense	442,163	246,778	(195,385)	410,210	289,684	(120,526)	425,369
Professional services	912,702	728,698	(184,004)	1,072,376	1,160,447	88,071	1,292,750
Insurance	182,439	200,810	18,371	214,897	212,253	(2,644)	222,860
Capital outlay	11,228,001	6,005,589	(5,222,412)	12,529,000	3,761,592	(8,767,408)	22,093,735
Repair and maintenance	1,193,522	1,197,238	3,716	1,388,341	1,216,666	(171,675)	1,423,183
Utilities	1,227,194	1,159,732	(67,462)	1,238,715	1,334,764	96,049	1,464,720
Operational expenses	4,609,537	4,172,092	(437,445)	4,825,820	5,032,513	206,693	5,862,690
Bond payments	7,655,330	7,533,839	(121,491)	8,142,232	8,066,440	(75,792)	7,783,492
Miscellaneous	1,008	46,902	45,894	415,200	11,018	(404,182)	415,200
Total Expenses	32,046,038	25,704,348	(6,341,690)	35,086,718	25,399,875	(9,686,843)	46,012,918
Excess Revenues Over (Under)							
Expenditures	(5,359,487)	6,863,779	12,223,266	(5,122,268)	5,304,883	10,427,151	(15,855,873)
Change In Net Position (Budgetary)	\$ (5,359,487)	\$ 12,223,266	\$ (5,122,268)		\$ 10,427,151	\$ (15,855,873)	
Reconciliation To GAAP Basis							
Depreciation, depletion and amortization	(2,125,954)	(6,005,589)	(228,155)	(271,173)	(1,916,272)	3,761,592	(397,630)
Capital outlay	6,005,589	(228,155)	(271,173)	3,460,000	—	4,155,000	—
Loss on disposal of fixed assets							
Loan proceeds							
Bond principal							
Change In Net Assets	13,704,086	—	—	—	10,907,573	—	—
Net Position, Beginning Of Year	—	131,430,014	—	—	145,134,100	—	—
Net Position, End Of Year	—	\$ 145,134,100	—	—	\$ 156,041,673	—	—

**ARAPAHOE COUNTY WATER AND
WASTEWATER AUTHORITY**

**OUTSTANDING REVENUE BONDS
For The Year Ended December 31, 2022**

	<u>Amount</u>
Tax-Exempt Water and Wastewater Revenue Refunding Bonds, Series 2016	\$ 13,160,000
Tax-Exempt Water and Wastewater Revenue Refunding Bonds, Series 2017	11,575,000
Tax-Exempt Water and Wastewater Revenue Refunding Bonds, Series 2019	<u>66,265,000</u>
Total	<u>\$ 91,000,000</u>