

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Basic Financial Statements,  
Supplementary Information and  
Independent Auditors' Report

December 31, 2022 and 2021

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

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## INDEPENDENT AUDITORS' REPORT

The Board of Directors  
Monroe County Water Authority

### Report on the Audit of the Financial Statements

#### Opinion

We have audited the accompanying financial statements of the Monroe County Water Authority (the Authority), a discretely presented component unit of the County of Monroe, New York, as of and for the years ended December 31, 2022 and 2021, and the related notes to financial statements, which collectively comprise the Authority'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 financial position of the Authority, as of December 31, 2022 and 2021, and the changes in its financial position 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 (GAAS) 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 Auditors' Responsibilities for the Audits of the Financial Statements section of our report. We are required to be independent of the Authority 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 the Authority'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 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 GAAS 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 GAAS 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 Authority'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 Authority'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 and the additional information on pages 42 through 44 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 GAAS, 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.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated March 16, 2023, on our consideration of the Authority'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 the effectiveness of the Authority's 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 Authority's internal control over financial reporting and compliance.

EFPR Group, CPAs, PLLC

Williamsville, New York  
March 16, 2023

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Management's Discussion and Analysis

December 31, 2022 and 2021

The Monroe County Water Authority (the Authority) is a not-for-profit public benefit corporation that reliably provides quality, affordable water that fosters economic vitality and enhanced quality of life for Monroe County, New York (the County) and area communities who request service. The Authority is a discretely presented component unit of the County.

**OVERVIEW OF THE FINANCIAL STATEMENTS**

The financial statements of the Authority include the Statement of Net Position, the Statement of Revenue, Expenses and Changes in Net Position, the Statement of Cash Flows, and related notes to financial statements. The Statement of Net Position provides information about the nature and the amounts of investments and resources (assets), deferred outflows of resources, and the obligations to the Authority's creditors (liabilities), and deferred inflows of resources, with the difference between these reported as net position.

The Statement of Revenue, Expenses and Changes in Net Position shows how the Authority's net position changed during the year. It accounts for all the year's revenue and expenses, measures the financial results of the Authority's operations for the year and can be used to determine how the Authority has funded its costs.

The Statement of Cash Flows provides information about the Authority's cash receipts, cash payments, and net changes in cash resulting from operations, capital and related financing, and investing activities.

The notes to financial statements contain information that is essential to the understanding of the financial statements, such as the Authority's accounting methods and policies.

Management provides the following discussion and analysis of the Authority's financial position and activities. This overview is provided for the year ended December 31, 2022 and 2021. The information contained in this analysis should be used by the reader in conjunction with the information contained in our audited financial statements and the notes to those financial statements, all of which follow this narrative on the subsequent pages.

**FINANCIAL HIGHLIGHTS**

The Authority's financial statements are prepared on the accrual basis of accounting promulgated by the Governmental Accounting Standards Board. The Authority is a single-purpose entity and revenue is recognized when earned, not received. Expenses are recognized when incurred, not when they are paid.

The 2022 and 2021 financial statements are presented with comparative totals from 2020.

MONROE COUNTY WATER AUTHORITY  
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Management’s Discussion and Analysis, Continued

- The assets and deferred outflows of resources of the Authority exceeded its liabilities and deferred inflows of resources at the close of 2022 and 2021 by \$360,438,386 and \$340,486,180, respectively, (net position).
- Operating revenue increased \$4,040,237 from 2021 to 2022. Operating revenue increased \$3,075,688 from 2020 to 2021. The increase in both years is due to consumption and rate increases.

Summary of Operations and Change in Net Position

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Operating revenue	\$ 84,941,918	80,901,681	77,825,993
Operating expenses	<u>(63,978,935)</u>	<u>(67,996,454)</u>	<u>(64,973,837)</u>
Operating income	20,962,983	12,905,227	12,852,156
Non-operating expenses, net	<u>(4,657,827)</u>	<u>(5,805,303)</u>	<u>(5,411,706)</u>
Income before capital contributions	16,305,156	7,099,924	7,440,450
Capital contributions	<u>3,647,050</u>	<u>4,466,997</u>	<u>2,841,816</u>
Change in net position	\$ <u>19,952,206</u>	<u>11,566,921</u>	<u>10,282,266</u>

Capital contributions are revenue from developers and customers for water system capital improvements donated to the Authority.

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Management's Discussion and Analysis, Continued

Financial Position Summary

Net position is an indication of the Authority's financial strength. The Authority's net position as of December 31, 2022 and 2021 is \$360,438,386 and \$340,486,180, respectively. A summary of the Authority's financial position is shown below.

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Assets:			
Current assets	\$ 126,221,184	109,906,945	96,513,883
Capital assets	430,911,638	430,588,225	427,824,586
Funds held by trustee	17,647,153	20,767,803	25,860,508
Net pension asset	4,965,984	-	-
Restricted assets	<u>1,861,691</u>	<u>2,737,993</u>	<u>1,878,985</u>
Total assets	<u>581,607,650</u>	<u>564,000,966</u>	<u>552,077,962</u>
Deferred Outflows of Resources	<u>30,330,776</u>	<u>38,799,463</u>	<u>21,214,718</u>
Liabilities:			
Current liabilities, including current portion of long-term	15,678,129	15,067,433	15,968,091
Long-term liabilities	<u>192,019,267</u>	<u>220,794,350</u>	<u>216,209,502</u>
Total liabilities	<u>207,697,396</u>	<u>235,861,783</u>	<u>232,177,593</u>
Deferred Inflows of Resources	<u>43,802,644</u>	<u>26,452,466</u>	<u>12,195,828</u>
Net Position:			
Net investment in capital assets	291,882,114	286,855,839	279,579,331
Restricted	1,675,171	2,737,993	1,878,985
Unrestricted	<u>66,881,101</u>	<u>50,892,348</u>	<u>47,460,943</u>
Total net position	<u>\$ 360,438,386</u>	<u>340,486,180</u>	<u>328,919,259</u>

Total assets increased from December 31, 2021 to 2022 by \$17,606,684 due to increased investment balances offset by decreased cash balances, while total assets increased in 2021 due to capital asset additions and increased cash balances.

Total liabilities decreased by \$28,164,387 in 2022 due primarily to the actuarial valuations of the other postemployment benefits plan (OPEB) and the New York State and Local Retirement Plan (the pension plan) while total liabilities increased by \$3,684,190 in 2021 due to the actuarial valuation of OPEB.



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Management's Discussion and Analysis, Continued

Deferred outflows of resources and deferred inflows of resources at December 31, 2022 and 2021 changed due primarily to actuarial values from OPEB and the pension plan.

As a water utility, the Authority has a significant investment in infrastructure. The Authority's infrastructure includes approximately 3,350 miles of pipelines ranging from 2-inch in diameter to 60-inch in diameter, 51 booster pumping stations, 49 storage tanks, 2 reservoirs, 3 water treatment plants, land and other facilities required in the treatment and distribution of potable water to its customers. The Authority's net position also includes funds available to pay for ongoing and future construction or replacements, and/or additions, to this infrastructure.

Authority Rates and Charges

The Authority sets its rates annually in concurrence with the adoption of its annual operating budget. The Authority is required by its Master Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with and specific to each subsequent revenue bond issue (Trust Indentures) to set rates and fees sufficient to cover all of its operating and capital expenses.

Many factors were considered by the Authority's Board members when the rates were being set for 2022 and 2021. Based in part on the recommendation of the Authority's independent rate consultant, the commodity and base rates increased by a modest amount and are shown in the following table.

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Residential/quarterly:			
Daily base charge per connection (up to ¾")	\$ 0.25	0.24	0.23
Commodity charge per 1,000 gallons	3.58	3.53	3.38
Large commercial/monthly:			
Daily base charge per connection			
Commodity charge per 1,000 gallons -	\$ 1.93 - 50.60	1.35 - 31.01	1.05 - 21.35
First 125,000 gallons	3.58	3.53	3.38
Each additional 1,000 gallons	2.55	2.51	2.40
Water district/wholesale:			
Daily base charge per connection	\$ 1.93 - 50.60	1.35 - 31.01	1.05 - 21.35
Commodity charge per 1,000 gallons	2.25	2.29	2.30
<u>Summary of Operating Revenue</u>			
	<u>2022</u>	<u>2021</u>	<u>2020</u>
Water sales:			
Residential/quarterly	\$ 67,471,091	63,986,170	63,283,710
Large commercial/monthly	7,346,583	6,855,080	6,221,883
Water districts wholesale	<u>4,788,030</u>	<u>4,728,140</u>	<u>4,024,113</u>
Total water sales	79,605,704	75,569,390	73,529,706
Other water and operating revenue	<u>5,336,214</u>	<u>5,332,291</u>	<u>4,296,287</u>
Total operating revenue	<u>\$ 84,941,918</u>	<u>80,901,681</u>	<u>77,825,993</u>

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Management’s Discussion and Analysis, Continued

Revenue

Water sales for 2022 and 2021 were projected based on average historical usage with the typical residential customer using approximately 69 thousand gallons of water annually. The 2022 and 2021 water sales, which include the residential, large commercial and water district classes, were \$4,036,314 and \$2,039,684 more than those of 2021 and 2020, respectively.

Other water revenue for 2022 and 2021 includes private fire services in the amount of \$1,377,691 and \$1,356,976, respectively, and late charges in the amount of \$1,098,997 and \$963,109, respectively. Also included are payments made to the Authority by Genesee County for debt service on facilities constructed and owned by the Authority for the benefit of the respective counties. In 2022 and 2021, the service fee for Genesee County was \$2,074,926 and \$2,025,583, respectively. Other operating revenue included cell tower lease income of \$238,588 and \$222,656 in 2022 and 2021, respectively.

Operating Expenses

The Authority’s expenses (excluding depreciation and amortization) are budgeted and tracked functionally by operating department. The Authority is divided into the following five departments: Administration; Production/Transmission; Engineering; Facilities, Fleet & Operations; and Finance & Business Services.

The following is a breakdown of the Authority’s functional expenses by operating department (excluding depreciation and amortization):

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Functional expenses:			
Administration	\$ 3,776,000	10,440,996	4,048,684
Production/transmission	15,948,831	13,839,409	14,161,400
Engineering	3,249,832	3,534,341	4,236,786
Facilities, fleet & operations	13,889,840	13,398,153	14,873,172
Finance and business services	<u>6,973,322</u>	<u>7,415,505</u>	<u>8,448,903</u>
Total functional expenses	<u>\$ 43,837,825</u>	<u>48,628,404</u>	<u>45,768,945</u>

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Management's Discussion and Analysis, Continued

The following is a breakdown of the Authority's total operating expenses:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Operating expenses:			
Salaries and fringe benefits	\$ 24,679,831	24,663,087	23,980,649
Operations and maintenance	16,555,385	12,748,091	12,299,987
General and administrative	2,359,609	10,974,226	9,245,309
City contract - capital	243,000	243,000	243,000
Depreciation and amortization	<u>20,141,110</u>	<u>19,368,050</u>	<u>19,204,892</u>
Total operating expenses	<u>\$ 63,978,935</u>	<u>67,996,454</u>	<u>64,973,837</u>

Total operating expenses decreased \$4,017,519 from 2021. Salaries and Benefits increased \$16,744. Operations and Maintenance expense increased \$3,807,294 compared to 2021. General and administrative expenses decreased \$8,614,617 from 2021. City contract - capital is the Authority's share of capital projects outlined in the 2011 Exchange Agreement for Water Supply with the City of Rochester and did not change for 2022.

Total operating expenses increased \$3,022,617 from 2020. Salaries and Benefits increased \$682,438. Operations and Maintenance expense increased \$448,104 compared to 2020. General and administrative expenses increased \$1,728,917 from 2020. City contract - capital is the Authority's share of capital projects outlined in the 2011 Exchange Agreement for Water Supply with the City of Rochester and did not change for 2021.

Non-Operating Revenue (Expenses)

The Authority's non-operating revenue (expenses) is composed of the following:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Non-operating revenue (expenses):			
Federal interest subsidy	\$ 1,711,098	1,905,752	1,798,135
Interest earnings	1,416,763	74,098	722,325
Interest expense	(7,173,475)	(7,356,804)	(7,239,451)
Bond issuance costs	-	-	(305,766)
Loss on disposal of capital assets	(384,966)	(394,108)	(418,865)
Realized and unrealized gains on investments, net	<u>(227,247)</u>	<u>(34,241)</u>	<u>31,916</u>
Total non-operating revenue (expenses), net	<u>\$ (4,657,827)</u>	<u>(5,805,303)</u>	<u>(5,411,706)</u>

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Management's Discussion and Analysis, Continued

**CAPITAL ASSETS**

At the end of 2022 and 2021, the Authority had \$430,911,638 and \$430,588,225, respectively, invested in a broad range of capital assets (see table below).

	Capital Assets, Net of Depreciation		
	<u>2022</u>	<u>2021</u>	<u>2020</u>
Land easements	\$ 10,852,327	10,608,853	10,591,378
Construction-in-progress	7,539,688	20,623,931	18,824,424
Land improvements	7,829,480	7,829,480	7,708,985
Production and distribution system	266,961,088	257,070,621	253,305,193
Pipelines and district facilities	353,352,205	335,985,142	325,135,539
Meters and services	112,799,979	108,786,308	104,783,925
Automotive and construction equipment	9,235,750	8,888,839	8,706,137
Water facility capital lease	78,056,980	78,056,980	78,056,980
Furniture, fixtures and other equipment	3,498,779	3,646,666	3,736,009
Accumulated depreciation	(419,214,638)	(400,908,595)	(383,023,984)
	<u>\$ 430,911,638</u>	<u>430,588,225</u>	<u>427,824,586</u>

**DEBT ADMINISTRATION**

Water Revenue Bonds

As of December 31, 2022 and 2021, the Authority has six water revenue bond series outstanding totaling, \$135,025,000 and \$139,550,000, respectively. The 2007 Series bonds continue to be payable by Genesee County to the Authority under the terms of the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000. A portion of the 2020 Series bonds are also payable by Genesee County to the Authority.

	Outstanding as of December <u>2022</u>	Outstanding as of December <u>2021</u>	Outstanding as of December <u>2020</u>	Principal Due <u>2023</u>
<u>Authority Bond Series</u>				
2007 Series Refunding	\$ 11,710,000	12,325,000	12,935,000	625,000
2010B Series	80,695,000	83,295,000	85,810,000	2,700,000
2012 Series	4,645,000	4,860,000	5,065,000	225,000
2013 Series	13,215,000	13,715,000	14,205,000	505,000
2017 Series	3,515,000	3,735,000	3,950,000	225,000
2020 Series	<u>21,245,000</u>	<u>21,620,000</u>	<u>21,920,000</u>	<u>395,000</u>
Total	<u>\$ 135,025,000</u>	<u>139,550,000</u>	<u>143,885,000</u>	<u>4,675,000</u>

MONROE COUNTY WATER AUTHORITY  
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Management's Discussion and Analysis, Continued

Credit Ratings

The Authority is the recipient of very favorable credit ratings from both Moody's Investors Service and Standard & Poor's. The Authority has an Aa1 rating assigned to its revenue bonds by Moody's Investors Service and an AA+ rating by Standard & Poor's. The Authority's bond ratings were last reviewed by Moody's Investor Service in March of 2020 and by Standard & Poor's in March of 2020 in conjunction with the 2020 bond issuance. The Authority issues revenue bonds subject to its Master Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with, and specific to, each subsequent revenue bond issue.

**ECONOMIC FACTORS AND NEXT YEAR'S GOALS**

The Authority continues to develop the necessary infrastructure and operational practices to meet its short and long- term plans while ensuring quality customer service is provided and competitive rates are being maintained.

In 2023, the Authority intends to spend approximately \$20.5 million for capital improvements, including the following major projects.

- Water Main Rehabilitation and Replacements
- Lee Road BP5 HVAC/Electrical
- Service Replacements
- Residential Meter Replacements
- Security System Upgrade

The Authority believes it possesses the financial and leadership capabilities to accomplish its goals during the upcoming year.

**REQUEST FOR INFORMATION**

This financial report is designed to provide a general overview of the Authority's finances for all those interested. Questions concerning any of the information provided in this report or requests for additional information should be addressed in writing to the Director of Finance & Business Services, Monroe County Water Authority, 475 Norris Drive, Rochester, New York, 14610 or call (585) 442-2000.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Statements of Net Position  
December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets:		
Current assets:		
Cash and equivalents	\$ 14,528,954	91,428,332
Investments	90,736,368	-
Accounts receivable	8,075,533	6,872,589
Accrued unbilled revenue	8,698,000	7,952,000
Materials and supplies	2,931,136	1,939,015
Prepayments and other current assets	<u>1,251,193</u>	<u>1,715,009</u>
Total current assets	<u>126,221,184</u>	<u>109,906,945</u>
Other assets:		
Capital assets, net	430,911,638	430,588,225
Funds held by trustee	17,647,153	20,767,803
Net pension asset - proportionate share	<u>4,965,984</u>	<u>-</u>
Total other assets	<u>453,524,775</u>	<u>451,356,028</u>
Restricted assets:		
Debt service fund held by trustee	1,770	868,306
Debt service reserve held by trustee	<u>1,859,921</u>	<u>1,869,687</u>
Total restricted assets	<u>1,861,691</u>	<u>2,737,993</u>
Total assets	<u>581,607,650</u>	<u>564,000,966</u>
Deferred Outflows of Resources:		
Pension	10,467,129	13,675,853
OPEB	19,500,242	24,731,304
Debt refunding	<u>363,405</u>	<u>392,306</u>
Total deferred outflows of resources	<u>30,330,776</u>	<u>38,799,463</u>
Liabilities:		
Current liabilities:		
Accounts payable and other liabilities	3,175,375	2,718,331
Accrued payroll and benefits	5,020,186	4,934,564
Accrued interest	2,807,568	2,889,538
Current portion of water revenue bonds	<u>4,675,000</u>	<u>4,525,000</u>
Total current liabilities	<u>15,678,129</u>	<u>15,067,433</u>
Long-term liabilities:		
Water revenue bonds, net of bond premium of \$4,367,929 in 2022 and \$4,574,692 in 2021	134,717,929	139,599,692
Net pension liability - proportionate share	-	58,190
Total OPEB liability	<u>57,301,338</u>	<u>81,136,468</u>
Total long-term liabilities	<u>192,019,267</u>	<u>220,794,350</u>
Total liabilities	<u>207,697,396</u>	<u>235,861,783</u>
Deferred Inflows of Resources:		
Pension	17,129,511	17,249,499
OPEB	<u>26,673,133</u>	<u>9,202,967</u>
Total deferred inflows of resources	<u>43,802,644</u>	<u>26,452,466</u>
Net Position:		
Net investment in capital assets	291,882,114	286,855,839
Restricted	1,675,171	2,737,993
Unrestricted	<u>66,881,101</u>	<u>50,892,348</u>
Total net position	<u>\$360,438,386</u>	<u>340,486,180</u>

See accompanying notes to financial statements.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Statements of Revenue, Expenses and Changes in Net Position  
Years ended December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Operating revenue:		
Water sales - residential	\$ 67,471,091	63,986,170
Water sales - industrial/commercial	7,346,583	6,855,080
Water sales - water district	4,788,030	4,728,140
Other water revenue	4,777,339	4,580,859
Other operating revenue	<u>558,875</u>	<u>751,432</u>
Total operating revenue	<u>84,941,918</u>	<u>80,901,681</u>
Operating expenses:		
Salaries and fringe benefits	24,679,831	24,663,087
Operations and maintenance	16,555,385	12,748,091
General and administrative	2,359,609	10,974,226
City contract - capital	243,000	243,000
Depreciation	<u>20,141,110</u>	<u>19,368,050</u>
Total operating expenses	<u>63,978,935</u>	<u>67,996,454</u>
Operating income	<u>20,962,983</u>	<u>12,905,227</u>
Non-operating revenue (expenses):		
Federal interest subsidy	1,711,098	1,905,752
Interest earnings	1,416,763	74,098
Interest expense	(7,173,475)	(7,356,804)
Loss on disposal of capital assets	(384,966)	(394,108)
Realized and unrealized gain and losses on investments, net	<u>(227,247)</u>	<u>(34,241)</u>
Total non-operating expenses, net	<u>(4,657,827)</u>	<u>(5,805,303)</u>
Income before capital contributions	16,305,156	7,099,924
Capital contributions - developers and customers	<u>3,647,050</u>	<u>4,466,997</u>
Change in net position	19,952,206	11,566,921
Net position at beginning of year	<u>340,486,180</u>	<u>328,919,259</u>
Net position at end of year	<u>\$ 360,438,386</u>	<u>340,486,180</u>

See accompanying notes to financial statements.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Statements of Cash Flows  
Years ended December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Cash flows from operating activities:		
Receipts from customers	\$ 82,992,974	81,353,683
Payments to suppliers	(19,229,255)	(26,163,273)
Payments to employees	<u>(27,663,549)</u>	<u>(18,738,781)</u>
Net cash provided by operating activities	<u>36,100,170</u>	<u>36,451,629</u>
Cash flows from capital and related financing activities:		
Deposits to funds held by trustees, net	3,996,952	4,233,697
Purchases of capital assets	(17,291,824)	(18,058,800)
Disposal of capital assets	89,385	-
Federal interest subsidy	1,711,098	1,905,752
Repayments of water revenue bonds	(4,525,000)	(4,335,000)
Amortization of debt refunding	28,901	28,900
Amortization of bond premiums	(206,763)	(206,769)
Interest paid	<u>(7,255,445)</u>	<u>(7,423,187)</u>
Net cash used in capital and related financing activities	<u>(23,452,696)</u>	<u>(23,855,407)</u>
Cash flows from investing activities:		
Purchase of investments, net	(90,736,368)	20,777,218
Interest received	1,416,763	74,098
Realized and unrealized gains and losses on investments, net	<u>(227,247)</u>	<u>(34,241)</u>
Net cash provided by (used in) from investing activities	<u>(89,546,852)</u>	<u>20,817,075</u>
Change in cash and cash equivalents	(76,899,378)	33,413,297
Cash and cash equivalents at beginning of year	<u>91,428,332</u>	<u>58,015,035</u>
Cash and cash equivalents at end of year	<u>\$ 14,528,954</u>	<u>91,428,332</u>

(Continued)

See accompanying notes to financial statements.



MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Statements of Cash Flows, Continued

	<u>2022</u>	<u>2021</u>
Reconciliation of operating income to net cash flow provided by operating activities:		
Operating income	\$ 20,962,983	12,905,227
Adjustments to reconcile operating income to net cash flows provided by operating activities:		
Depreciation	20,141,110	19,368,050
Bad debt expense	11,014	31,530
Changes in:		
Accounts receivable	(1,213,958)	630,472
Accrued unbilled revenue	(746,000)	(210,000)
Materials and supplies	(992,121)	(420,499)
Prepayments and other current assets	463,816	(788,486)
Accounts payable and other liabilities	457,044	(988,971)
Accrued payroll and benefits	85,622	(35,304)
Pension items	(1,935,438)	(1,378,960)
OPEB items	<u>(1,133,902)</u>	<u>7,338,570</u>
Net cash provided by operating activities	<u>\$ 36,100,170</u>	<u>36,451,629</u>
Non-cash capital and related financing activities:		
Capital assets received directly from developers and customers	<u>\$ 3,647,050</u>	<u>4,466,997</u>
Disposal of capital assets	<u>\$ (384,966)</u>	<u>(394,108)</u>

See accompanying notes to financial statements.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements

December 31, 2022 and 2021

(1) Organization

Monroe County Water Authority (the Authority), a discretely presented component unit of the County of Monroe, New York (the County), is a public benefit corporation organized under the Public Authorities Law of the State of New York. The Authority was created to finance, construct, operate and maintain a water supply and distribution system for the benefit of the residents of the County and the State of New York (the State).

(2) Summary of Significant Accounting Policies

(a) Measurement Focus and Basis of Accounting

The financial statements of the Authority have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing government accounting and financial reporting principles.

The activities of the Authority are accounted for similar to those often found in the private sector using the flow of economic resources measurement focus and the accrual basis of accounting. All assets, liabilities, deferred outflows of resources, deferred inflows of resources, net position, revenue, and expenses are accounted for through a single enterprise fund with revenue recorded when earned and expenses recorded at the time liabilities are incurred.

(b) Basis of Presentation

GASB requires the classification of net position into three categories defined as follows:

- Net investment in capital assets - This component of net position consists of capital assets, net of accumulated depreciation and amortization, reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent capital-related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.
- Restricted net position - This component of net position consists of amounts which have external constraints placed on its use imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(2) Summary of Significant Accounting Policies, Continued

(b) Basis of Presentation, Continued

- Unrestricted net position - This component consists of net position that does not meet the definition of “net investment in capital assets” or “restricted.”

When both restricted and unrestricted resources are available for use, it is the Authority’s policy to use restricted resources first, and then unrestricted resources as they are needed.

(c) Cash, Cash Equivalents and Investments

For purposes of presenting the statement of cash flows, the Authority considers all highly liquid short-term investments with an original maturity of three months or less from date of purchase to be cash or cash equivalents.

A framework has been established for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

- Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Authority has the ability to access.
- Level 2 - Inputs to the valuation methodology include:
  - Quoted prices for similar assets or liabilities in active markets;
  - Quoted prices for identical or similar assets or liabilities in inactive markets;
  - Inputs other than quoted prices that are observable for the assets or liabilities; and
  - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

An asset’s or liability’s fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The Authority assess the levels of the investments at each measurement date, and transfers between levels are recognized on the actual date of the event or change in circumstances that caused the transfer in accordance with its accounting policy regarding the recognition of transfers between levels of the fair value hierarchy.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(2) Summary of Significant Accounting Policies, Continued

(d) Accounts Receivable

Accounts receivable consists of fees for services for water charges due from individuals, businesses, and other governments. Accounts receivable are carried on the balance sheet at net realizable value. The Authority has elected to record bad debts using the direct write-off method. GAAP requires the allowance method be used to recognize bad debts; however, the effect of using the direct write-off method is not materially different from the results that would have been obtained under the allowance method.

(e) Accrued Unbilled Revenue

Accrued unbilled revenues represent revenue earned in the current year but not billed to customers until future dates, usually within three months, and is an estimate made by management using historical trends.

(f) Materials and Supplies

Materials and supplies are stated at cost and are determined using a weighted-average method.

(g) Prepayments and Other Current Assets

Prepayment and other current assets reflect costs applicable to future accounting periods and are recorded as prepayments and other current assets.

(h) Capital Assets

Capital assets are stated at cost. Depreciation and amortization are provided using the straight-line method over the following estimated useful lives or lease term if shorter:

Land improvements	10 - 20 years
Production and distribution system	5 - 40 years
Pipelines and district facilities	40 years
Meters and services	25 - 40 years
Automotive and construction equipment	5 years
Water facility capital lease	5 - 25 years
Furniture, fixtures and other equipment	5 - 15 years

Improvements, renewals and significant repairs over \$5,000 that extend the life of the asset are capitalized; other repairs and maintenance costs are expensed as incurred. When assets are retired or otherwise disposed of, the related asset and accumulated depreciation is written off and any unrelated gains or losses are recorded.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(2) Summary of Significant Accounting Policies, Continued

(i) Funds Held by Trustee

Funds held by Bank of New York (the Trustee) consist of fixed income United States Government securities. These funds are required to be held in accordance with the trust indentures for the water revenue bonds as described in note 6.

As of December 31, 2022 and 2021, the Authority had the following funds held by trustee:

	<u>2022</u>	<u>2021</u>
Capital improvement fund	\$ 12,606,532	15,748,986
New construction fund	<u>5,040,621</u>	<u>5,018,817</u>
Total funds held by trustee	\$ <u>17,647,153</u>	<u>20,767,803</u>

(j) Accrued Payroll and Benefits

It is the Authority’s policy to record employee benefits, including accumulated vacation and sick leave, as a current liability on the statements of net position. The Authority’s employees are granted vacation and sick leave in varying amounts based on the underlying employee contracts.

(k) Other Postemployment Benefits (OPEB)

The Authority provides certain health care benefits to its retired employees in accordance with the provisions of employment contracts.

(l) Unamortized Bond Premium

Bond premium related to the issuance of debt obligations is amortized over the term of the respective bond issues.

(m) Deferred Outflows and Inflows of Resources

Deferred outflows of resources represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense) until then. The Authority has three items that qualify for reporting in this category. The first item is related to pensions and represents the effect of the net change in the Authority’s proportion of the collective net pension asset/liability and difference during the measurement period between the Authority’s contributions and its proportionate share of total contributions to the pension system not included in pension expense as well as the Authority’s contributions to the pension systems subsequent to the measurement date. The second item is related to OPEB and relates to differences between expected and actual experience, changes in assumptions as well as the Authority’s contributions subsequent to the measurement date. The third item is the deferred loss the Authority incurred on its debt refundings.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)  
Notes to Financial Statements, Continued

(2) Summary of Significant Accounting Policies, Continued

(m) Deferred Outflows and Inflows of Resources, Continued

Deferred inflows of resources represents an acquisition of net position that applies to future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Authority has two items that qualify for reporting in this category. The first is related to pensions and represents the effect of the net change in the Authority's proportion of the collective net pension asset/liability and difference during the measurement periods between the Authority's contributions and its proportion share of total contributions to the pension systems not included in the pension expense. The second item is related to OPEB and relates to differences between expected and actual experience and changes in assumptions.

(n) Revenue Recognition

Revenues from water sales are recognized at the time of service delivery based on actual or estimated water meter readings.

(o) Operating and Non-Operating Revenue and Expenses

Operating revenue consists of water revenue and other related revenue. The Authority defines non-operating revenue as interest earnings on investment assets and realized and unrealized gains or losses on sales of investments. Non-operating expenses are defined as interest expense and other costs related to issuance of long-term debt and gains and losses on disposals of capital assets. The Authority also receives Federal interest subsidies which are considered non-operating revenue.

(p) Capital Contributions from Developers and Customers

Capital contributions from developers and customers represent amounts for betterments or additions to capital assets that have been contributed to the Authority.

(q) Income Tax Status

As a public benefit corporation, the Authority is exempt from federal and state income taxes, as well as state and local property and sales taxes.

(r) Estimates

The preparation of the financial statements in accordance 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 revenues and expenses during the reporting period. Actual results could differ from those estimates.

(s) Adoption of Accounting Principle

During the year ended December 31, 2022, the Authority adopted the provisions of GASB statement No. 87 - "Leases." The primary objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. The Authority has performed an evaluation of its leasing transactions, and determined that the implementation of this Statement will have no material impact on the financial statements of the Authority.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(3) Water Agreement

The Authority and the City of Rochester, New York (the City) entered into an agreement in 2011 that provides for the exchange of water between the two entities at a fixed rate that is established annually based on the weighted average cost of each entity's typical residential customer. Authority consumption of the City's water is offset against the City's consumption of the Authority's water with the net consumption charged at the annual exchange rate. For the year ended December 31, 2022 and 2021, the Authority had net purchases from the City of \$1,558,403 and \$1,449,359, respectively.

(4) Deposits With Financial Institutions and Investments

The guidelines established by the Authority permit the investment of funds held by the Authority, and funds held in trust for the Authority, to be invested in accordance with New York State Public Authorities Law. Investments must be in the form of obligations of the State, or in general obligations of its political subdivisions; obligations of the United States or its agencies whose principal and interest payments are fully guaranteed by the federal government; and in collateralized time deposits or certificates of deposit issued by a commercial bank or trust company, which is a member of the Federal Deposit Insurance Corporation (FDIC). The Authority's investment policy limits its deposit and investment activity to time deposits, demand deposits, certificates of deposit, United States Government obligations and repurchase agreements.

The Authority's investment policy requires its deposits and investments, not controlled by the Trustee, to be 100% collateralized through federal deposit insurance or other obligations. Obligations that may be pledged as collateral are obligations of, or guaranteed by, the United States or the State. Collateral must be delivered to the Authority or an authorized custodial bank. In addition, the Authority's investment policy includes the following provisions for credit risk and custodial credit risk (as defined below):

- Custodial credit risk - For cash deposits or investments, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party.
  - The Authority limits its investments (other than United States securities held by the Trustee) at any financial institution to 1% of such institution's total assets.
  - Any financial institution in which the Authority invests funds must have in excess of \$50,000,000 in capital stock and retained earnings and the Authority limits its investments (other than United States securities held by the Trustee) at these institutions to 5% of the total capital stock and retained earnings.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(4) Deposits With Financial Institutions and Investments, Continued

- Credit risk - For cash deposits or investments, credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations.
  - The Authority limits its investments in money market funds to those with the highest short-term or long-term rating by at least one nationally recognized rating agency. The money market funds detailed in this section are used as savings accounts by the Authority and these accounts are classified as cash and cash equivalents and not investments.
  - As of December 31, 2022 and 2021, the Authority's deposits and investments in various banks are detailed below.
  - Total deposits of cash and equivalents, marketable securities and related collateral, included in cash and equivalents and marketable securities, not controlled by the Trustee (including certificates of deposit and money market funds) are as follows as of December 31, 2022 and 2021:

	2022	
	Carrying Amount	Bank Balance
Demand deposits	\$ 3,626,131	5,537,680
Time deposits	<u>10,902,823</u>	<u>10,902,823</u>
Total cash and investments	\$ <u>14,528,954</u>	<u>16,440,503</u>
Insured cash - FDIC		\$ 1,000,000
Uninsured - collateralized with securities held by pledging financial institution		<u>15,756,333</u>
Total insured and collateralized cash and equivalents		\$ <u>16,756,333</u>

	2021	
	Carrying Amount	Bank Balance
Demand deposits	\$ 3,932,602	5,120,684
Time deposits	<u>87,495,730</u>	<u>87,495,730</u>
Total cash and investments	\$ <u>91,428,332</u>	<u>92,616,414</u>
Insured cash - FDIC		\$ 898,480
Uninsured - collateralized with securities held by pledging financial institution		<u>94,146,358</u>
Total insured and collateralized cash and equivalents		\$ <u>95,044,838</u>



MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(4) Deposits With Financial Institutions and Investments, Continued

Total cash and equivalents and marketable securities by type as of December 31, 2022 and 2021, including certificates of deposit controlled by the Trustee and reported in ‘Capital improvement fund’, ‘New construction fund’, and ‘Restricted Assets’ in the accompanying financial statements, are as follows:

	<u>2022</u>	<u>2021</u>
United States Treasury obligations	\$ 1,175,564	1,207,626
United States Treasury bills	109,067,878	21,429,864
Money market funds	1,770	868,306
Cash	<u>14,528,954</u>	<u>91,428,332</u>
	<u>\$ 124,774,166</u>	<u>114,934,128</u>

United States Treasury obligations and United States Treasury bills are considered level 1 investments. The Authority categorizes its fair value measurements within the fair value hierarchy established by GAAP. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The following deposits and investments, excluding amounts controlled by the Trustee, held with one financial institution represent five percent or more of the Authority’s total deposits and investments at either December 31, 2022 and 2021, or both:

	<u>2022</u>	<u>2021</u>
M&T Bank	\$ 53,449,093	92,042,588
Percentage	50%	99%
Key Bank	53,309,528	N/A
Percentage	49%	N/A

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(5) Capital Assets

Capital asset activity for the years ended December 31, 2022 and 2021 was as follows:

	2022				Balance 12/31/2022
	Balance 1/1/2022	Additions	Transfers	Disposals	
Land and easements	\$ 10,608,853	-	243,474	-	10,852,327
Construction-in-progress	<u>20,623,931</u>	<u>17,998,080</u>	<u>(31,082,323)</u>	<u>-</u>	<u>7,539,688</u>
Total non-depreciable assets	<u>31,232,784</u>	<u>17,998,080</u>	<u>(30,838,849)</u>	<u>-</u>	<u>18,392,015</u>
Land improvements	7,829,480	-	-	-	7,829,480
Production and distribution system	257,070,621	-	11,120,455	(1,229,988)	266,961,088
Pipelines and district facilities	335,985,142	1,991,005	15,376,058	-	353,352,205
Meters and services	108,786,308	949,789	3,734,886	(671,004)	112,799,979
Automotive and construction equipment	8,888,839	-	581,789	(234,878)	9,235,750
Water facility capital lease	78,056,980	-	-	-	78,056,980
Furniture, fixtures and other equipment	<u>3,646,666</u>	<u>-</u>	<u>25,661</u>	<u>(173,548)</u>	<u>3,498,779</u>
Total depreciable assets at cost	<u>800,264,036</u>	<u>2,940,794</u>	<u>30,838,849</u>	<u>(2,309,418)</u>	<u>831,734,261</u>
Less accumulated depreciation:					
Land improvements	(3,191,717)	(253,764)	453	-	(3,445,028)
Production and distribution system	(114,594,305)	(8,092,258)	(41,491)	910,010	(121,818,044)
Pipelines and district facilities	(150,939,637)	(7,723,044)	(61,736)	-	(158,724,417)
Meters and services	(45,796,224)	(3,212,232)	108,389	568,366	(48,331,701)
Automotive and construction equipment	(5,366,469)	(572,316)	(31,088)	183,143	(5,786,730)
Water facility capital lease	(78,056,980)	-	-	-	(78,056,980)
Furniture, fixtures and other equipment	<u>(2,963,263)</u>	<u>(287,496)</u>	<u>25,473</u>	<u>173,548</u>	<u>(3,051,738)</u>
Total accumulated depreciation	<u>(400,908,595)</u>	<u>(20,141,110)</u>	<u>-</u>	<u>1,835,067</u>	<u>(419,214,638)</u>
Total depreciable assets, net	<u>399,355,441</u>	<u>(17,200,316)</u>	<u>30,838,849</u>	<u>(474,351)</u>	<u>412,519,623</u>
Total capital assets, net	<u>\$ 430,588,225</u>	<u>797,764</u>	<u>-</u>	<u>(474,351)</u>	<u>430,911,638</u>

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
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Notes to Financial Statements, Continued

(5) Capital Assets, Continued

	2021				Balance 12/31/2021
	Balance 1/1/2021	Additions	Transfers	Disposals	
Land and easements	\$ 10,591,378	-	17,475	-	10,608,853
Construction-in-progress	18,824,424	18,730,363	(16,930,856)	-	20,623,931
Total non-depreciable assets	<u>29,415,802</u>	<u>18,730,363</u>	<u>(16,913,381)</u>	<u>-</u>	<u>31,232,784</u>
Land improvements	7,708,985	-	120,495	-	7,829,480
Production and distribution system	253,305,193	7,300	4,698,376	(940,248)	257,070,621
Pipelines and district facilities	325,135,539	2,609,506	8,278,392	(38,295)	335,985,142
Meters and services	104,783,925	1,178,628	3,447,359	(623,604)	108,786,308
Automotive and construction equipment	8,706,137	-	214,675	(31,973)	8,888,839
Water facility capital lease	78,056,980	-	-	-	78,056,980
Furniture, fixtures and other equipment	3,736,009	-	154,084	(243,427)	3,646,666
Total depreciable assets at cost	<u>781,432,768</u>	<u>3,795,434</u>	<u>16,913,381</u>	<u>(1,877,547)</u>	<u>800,264,036</u>
Less accumulated depreciation:					
Land improvements	(3,005,883)	(185,834)	-	-	(3,191,717)
Production and distribution system	(107,426,471)	(7,983,367)	-	815,533	(114,594,305)
Pipelines and district facilities	(143,492,259)	(7,451,415)	-	4,037	(150,939,637)
Meters and services	(43,303,885)	(2,885,807)	-	393,468	(45,796,224)
Automotive and construction equipment	(4,828,802)	(544,315)	-	6,648	(5,366,469)
Water facility capital lease	(78,056,979)	-	-	(1)	(78,056,980)
Furniture, fixtures and other equipment	(2,909,705)	(317,312)	-	263,754	(2,963,263)
Total accumulated depreciation	<u>(383,023,984)</u>	<u>(19,368,050)</u>	<u>-</u>	<u>1,483,439</u>	<u>(400,908,595)</u>
Total depreciable assets, net	<u>398,408,784</u>	<u>(15,572,616)</u>	<u>16,913,381</u>	<u>(394,108)</u>	<u>399,355,441</u>
Total capital assets, net	<u>\$ 427,824,586</u>	<u>3,157,747</u>	<u>-</u>	<u>(394,108)</u>	<u>430,588,225</u>

(6) Water Revenue Bonds

The Authority has entered into Trust Indentures under which all outstanding bonds have been issued. The Trust Indentures pledge all revenues and other income collected by the Authority for payment of principal and interest on the bonds. The Trust Indentures also generally require establishment of a trust fund called “the water system revenue fund,” for which the Authority acts as a trustee, into which all revenue is to be deposited, as well as a debt service reserve fund under which the Authority is required to maintain deposit amounts sufficient to cover the annual debt service or provide a surety bond (as defined in the Trust Indentures) of its bonds. The Authority covenants in its indenture that it will establish water rates sufficient to cover the sum of: (1) 1.2 times debt service, (2) expenses of operating, maintaining, renewing and replacing the water system and maintaining the debt service reserve fund, and (3) any additional amounts required to pay all other charges payable from the Authority’s revenue. As of December 31, 2022 and 2021, the Authority is in compliance with its financial covenants.

MONROE COUNTY WATER AUTHORITY  
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Notes to Financial Statements, Continued

(6) Water Revenue Bonds, Continued

Series 2007 Bonds

The Authority issued 2001 series bonds in the amount of \$20,000,000 which are entirely payable by Genesee County to the Authority under the terms of the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000. The first principal payment on the 2001 Series was made in 2006. During 2007, the bonds were advance refunded by the Authority on behalf of Genesee County with the issuance of the Series 2007 Bonds.

In 2015, the New York State Environmental Facilities Corporation (EFC) refinanced its 2007 series bonds, which included bonds issued for the Authority. The Authority's portion of the bond, \$16,425,000, was part of the EFC issue of \$367,455,000 State Clean Water & Drinking Water Revolving Fund Revenue Bonds Series 2015D, dated August 13, 2015. The Authority's 2007 series bonds, which were part of the original EFC 2007 financing, remained intact with the Authority receiving its share of the interest savings through credits from EFC at the time of debt service payments. This refinancing and its associated costs will save Genesee County over \$2,700,000 over the term of the bond. The entire \$16,425,000 continues to be payable by Genesee County to the Authority under the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000. In addition, the bond refunding resulted in present value savings to the Authority of \$1,470,817.

Series 2010 Bonds

In 2010, the Authority issued the 2010 Series bonds which refunded the 1993 Series A bonds and the 1997 bonds. This refinancing and its associated costs were paid by the Authority and will save the Authority approximately \$773,000 over the term of the bond. In addition, the bond refunding resulted in an economic gain on refunding of \$680,000. The excess of the net carrying amount of the refunded bonds over the reacquisition price in the amount of \$527,039 has been deferred and was allocated between bond premium and deferred gain on refunding and is being amortized over the term of the new bonds using the straight-line method through 2035.

Series 2017 Bonds

In 2017, the Authority issued the 2017 Series bonds which was used to advance refund a portion of the Authority's Water System Revenue Bonds, Series 2010. Such proceeds were deposited with the Trustee to be held in a special trust account for the redemption of the refunded bonds on their respective redemption dates. \$4,300,000 of bonds outstanding was considered defeased at December 31, 2017. This refinancing and its associated costs were paid by the Authority and will save the Authority approximately \$345,000 over the term of the bond. In addition, the bond refunding resulted in an economic gain on refunding of \$481,576. The excess of the net carrying amount of the refunded bonds over the reacquisition price in the amount of \$330,072 has been deferred and is being amortized over the term of the new bonds using the straight-line method through 2034.

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Notes to Financial Statements, Continued

(6) Water Revenue Bonds, Continued

Series 2020 Bonds

In 2020, the Authority issued \$21,920,000 of bonds. The bonds mature in 2050 with a stated interest rate that ranges from 4.0% to 5.0%. The Authority received \$3,576,781 in premiums for this issuance.

Remedies for Default

The Authority covenants that if an Event of Default shall have happened and shall not have been remedied, upon demand of the Trustee, the Authority shall pay over to the Trustee and cause any Construction Fund Custodian to pay over the Trustee (i) forthwith, all moneys, securities and funds then held by any Construction Fund Custodian, and (ii) as promptly as practicable after receipt thereof, all Revenues.

During the continuance of an Event of Default due to payment failure, the Revenues received by the Trustee or by a Bondholders' Committee shall be applied by the Trustee or by the Bondholders' Committee, as the case may be, first to the payment of all necessary and proper Operating expenses of the Water System and all other proper disbursements or liabilities made or incurred by the Trustee or by the Bondholders' Committee, as the case may be; secondly, to the then due and overdue payments into the Bond Fund, including the making up of deficiencies therein; and lastly, for any lawful purpose in connection with the Water System.

Changes in Water Revenue Bonds

At December 31, 2022 and 2021, \$363,405 and \$392,306, respectively, of the deferred amount on refunding was included in deferred outflows of resources on the statements of net position. For the years ended December 31, 2022 and 2021, interest expense was \$7,173,475 and \$7,356,804, respectively, on the water revenue bonds. Cash paid for interest was \$7,255,445 and \$7,423,187, during the years ended December 31, 2022 and 2021, respectively.

Long-term water revenue bond activity for the years ended December 31, 2022 and 2021:

	2022					
	Beginning <u>Balance</u>	<u>Increases</u>	<u>Decreases</u>	Ending <u>Balance</u>	Due Within <u>One Year</u>	Due After <u>One Year</u>
Bonds issued in 2007 as part of refunding that mature in annual amounts ranging from \$610,000 to \$1,115,000 from 2021 to 2036 bearing interest ranging from 4.182% to 4.97%	\$ 12,325,000	-	615,000	11,710,000	625,000	11,085,000
Bonds issued in 2010 Series B as part of refunding that mature in annual amounts ranging from \$2,515,000 to \$5,775,000 from 2021 to 2042 bearing interest ranging from 4.49% to 6.34%	83,295,000	-	2,600,000	80,695,000	2,700,000	77,995,000

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Notes to Financial Statements, Continued

(6) Water Revenue Bonds, Continued

	2022					
	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>	<u>Due Within One Year</u>	<u>Due After One Year</u>
Bonds issued in 2012 that mature in annual amounts ranging from \$205,000 to \$410,000 from 2021 to 2037 bearing interest ranging from 3.0% to 5.0%	\$ 4,860,000	-	215,000	4,645,000	225,000	4,420,000
Bonds issued in 2013 that mature in annual amounts ranging from \$490,000 to \$960,000 from 2021 to 2042 bearing interest ranging from 1.44% to 4.69%	13,715,000	-	500,000	13,215,000	505,000	12,710,000
Bonds issued in 2017 as part of refunding that mature in annual amounts ranging from \$215,000 to \$360,000 from 2021 to 2034 bearing interest ranging from 2.0% to 5.0%	3,735,000	-	220,000	3,515,000	225,000	3,290,000
Bond issued in 2020 mature in annual amounts ranging from \$300,000 to \$220,000 from 2021 to 2050 bearing interest from 4.0% to 5.0%	21,620,000	-	375,000	21,245,000	395,000	20,850,000
Add: Bond premiums	<u>4,574,692</u>	<u>-</u>	<u>206,763</u>	<u>4,367,929</u>	<u>-</u>	<u>4,367,929</u>
Long-term water revenue bond liabilities	<u>\$ 144,124,692</u>	<u>-</u>	<u>4,731,763</u>	<u>139,392,929</u>	<u>4,675,000</u>	<u>134,717,929</u>
	2021					
	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>	<u>Due Within One Year</u>	<u>Due After One Year</u>
Bonds issued in 2007 as part of refunding that mature in annual amounts ranging from \$610,000 to \$1,115,000 from 2021 to 2036 bearing interest ranging from 4.182% to 4.97%	\$ 12,935,000	-	610,000	12,325,000	615,000	11,710,000
Bonds issued in 2010 Series B as part of refunding that mature in annual amounts ranging from \$2,515,000 to \$5,775,000 from 2021 to 2042 bearing interest ranging from 4.49% to 6.34%	85,810,000	-	2,515,000	83,295,000	2,600,000	80,695,000
Bonds issued in 2012 that mature in annual amounts ranging from \$205,000 to \$410,000 from 2021 to 2037 bearing interest ranging from 3.0% to 5.0%	5,065,000	-	205,000	4,860,000	215,000	4,645,000

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Notes to Financial Statements, Continued

(6) Water Revenue Bonds, Continued

	2021					
	Beginning Balance	Increases	Decreases	Ending Balance	Due Within One Year	Due After One Year
Bonds issued in 2013 that mature in annual amounts ranging from \$490,000 to \$960,000 from 2021 to 2042 bearing interest ranging from 1.44% to 4.69%	\$ 14,205,000	-	490,000	13,715,000	500,000	13,215,000
Bonds issued in 2017 as part of refunding that mature in annual amounts ranging from \$215,000 to \$360,000 from 2021 to 2034 bearing interest ranging from 2.0% to 5.0%	3,950,000	-	215,000	3,735,000	220,000	3,515,000
Bond issued in 2020 mature in annual amounts ranging from \$300,000 to \$220,000 from 2021 to 2050 bearing interest from 4.0% to 5.0%	21,920,000	-	300,000	21,620,000	375,000	21,245,000
Add: Bond premiums	4,781,461	-	206,769	4,574,692	-	4,574,692
Long-term water revenue bond liabilities	<u>\$ 148,666,461</u>	<u>-</u>	<u>4,541,769</u>	<u>144,124,692</u>	<u>4,525,000</u>	<u>139,599,692</u>

The following is a schedule of the future minimum payments under the water revenue bonds as of December 31, 2022:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	\$ 4,675,000	7,224,996	11,899,996
2024	4,840,000	7,009,754	11,849,754
2025	5,035,000	6,752,571	11,787,571
2026	5,235,000	6,491,572	11,726,572
2027	5,440,000	6,210,586	11,650,586
2028 - 2032	30,675,000	26,541,581	57,216,581
2033 - 2037	35,335,000	17,675,619	53,010,619
2038 - 2042	35,215,000	7,977,831	43,192,831
2043 - 2047	5,055,000	1,201,613	6,256,613
2048 - 2050	3,520,000	214,800	3,734,800
	<u>\$ 135,025,000</u>	<u>87,300,923</u>	<u>222,325,923</u>

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Notes to Financial Statements, Continued

(7) Pension Obligations

(a) Plan Descriptions and Benefits Provided

Employees' Retirement System

The Authority participates in the New York State and Local Employee Retirement System (the System). This is a cost-sharing multiple-employer retirement system. The System provides retirement benefits as well as death and disability benefits. The net position of the System is held in the New York State Common Retirement Fund (the Fund), which was established to hold all net position and record changes in plan net position allocated to the System. The Comptroller of the State of New York serves as the trustee of the Fund and is the administrative head of the System. System benefits are established under the provision of the New York State Retirement and Social Security Law (RSSL). Once a public employer elects to participate in the System, the election is irrevocable. The New York State Constitution provides that pension membership is a contractual relationship and plan benefits cannot be diminished or impaired. Benefits can be changed for future members only by enactment of a State statute. The County also participates in the Public Employees Group Life Insurance Plan (GLIP), which provides death benefits in the form of life insurance. The GLIP is included in the State's financial report as a pension trust fund. That report, including information with regard to benefits provided, may be found at [www.osc.state.ny.us/retire/publications/index.php](http://www.osc.state.ny.us/retire/publications/index.php) or obtained by writing to the New York State and Local Retirement System, 110 State Street, Albany, New York 12244.

The System is noncontributory except for employees who joined after July 27, 1976, who contribute 3.0 percent of their salary for the first ten years of membership, and employees who joined on or after January 1, 2010 who generally contribute 3.0 to 6.0 percent of their salary for their entire length of service. The Comptroller annually certifies the actuarially determined rates expressly used in computing the employers' contributions based on salaries paid during the Systems fiscal year ending March 31.

(b) Pension Asset/Liability, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pension

At December 31, 2022 and 2021, the Authority reported the following asset/(liability) for its proportionate share of the net pension liability for the System. The net pension asset/(liability) was measured as of March 31, 2022 and 2021, respectively. The total pension asset/(liability) used to calculate the net pension asset/(liability) was determined by an actuarial valuation. The Authority's proportionate share of the net pension asset/(liability) was based on a projection of the Authority's long-term share of contributions to the System relative to the projected contributions of all participating members, actuarially determined. This information was provided by the System in reports provided to the Authority.



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Notes to Financial Statements, Continued

(7) Pension Obligations, Continued

(b) Pension Asset/Liability, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pension, Continued

	<u>2022</u>	<u>2021</u>
Measurement date	3/31/2022	3/31/2021
Net pension asset (liability)	\$ 4,965,984	(58,190)
Authority's proportion of the System's net pension asset/liability	0.0607491	0.0584392%
Changes in proportionate share from prior year	0.0023099	(0.0032648)

For the years ended December 31, 2022 and 2021, the Authority recognized pension expense of \$240,855 and (\$1,290,184), respectively, for the System in the statements of revenue, expenses and changes in net position. At December 31, 2022 and 2021 the Authority's reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>2022</u>	
	<u>Deferred</u> <u>Outflows of</u> <u>Resources</u>	<u>Deferred</u> <u>Inflows of</u> <u>Resources</u>
Differences between expected and actual experience	\$ 376,081	(487,798)
Changes of assumptions	8,287,671	(139,845)
Net difference between projected and actual investment earnings on pension plan investments	-	(16,261,518)
Changes in proportion and differences between the County's contributions and proportionate share of contributions	313,371	(240,350)
County's contributions subsequent to the measurement date	<u>1,490,006</u>	<u>-</u>
Total	\$ <u>10,467,129</u>	<u>(17,129,511)</u>

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Notes to Financial Statements, Continued

(7) Pension Obligations, Continued

(b) Pension Asset/Liability, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pension, Continued

	2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 710,660	-
Changes of assumptions	10,699,308	(201,792)
Net difference between projected and actual investment earnings on pension plan investments	-	(16,715,663)
Changes in proportion and differences between the County's contributions and proportionate share of contributions	207,032	(332,044)
County's contributions subsequent to the measurement date	2,058,853	-
Total	\$ 13,675,853	(17,249,499)

County contributions subsequent to the March 31, 2022 measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2023. Other amounts reported as deferred outflows of resources related to pension will be recognized in pension expense as follows:

<u>Year ending</u>	
2023	\$ (1,243,364)
2024	(1,811,892)
2025	(4,255,412)
2026	(841,720)
	\$ (8,152,388)

(c) Actuarial Assumptions

The total pension liability as of the measurement date was determined by using an actuarial valuation as noted in the table below, with update procedures used to roll forward the total pension liability to the measurement date. The actuarial valuation used the following actuarial assumptions:

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Notes to Financial Statements, Continued

(7) Pension Obligations, Continued

(c) Actuarial Assumptions, Continued

Measurement date	March 31, 2022
Actuarial valuation date	April 1, 2021
Investment rate of return (net of investment expense, including inflation)	5.9%
Salary scale	4.4%
Inflation rate	2.7%
Cost-of-living adjustments	1.4%

Annuitant mortality rates are based on April 1, 2015 - March 31, 2020 System's experience with adjustments for mortality improvements based on Society of Actuaries' Scale MP-2020.

The actuarial assumptions used in the April 1, 2021 valuation are based on the results of an actuarial experience study for the period April 1, 2015 - March 31, 2020.

The long-term 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 investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized as follows.

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return *</u>
Domestic equity	32.00%	3.30%
International equity	15.00%	5.85%
Private equity	10.00%	6.50%
Real estate	9.00%	5.00%
Opportunistic/ARS	3.00%	4.10%
Real assets	3.00%	5.80%
Fixed income	23.00%	0.00%
Credit	4.00%	3.78%
Cash	1.00%	(1.00%)
	<u>100.00%</u>	

\*The real rate of return is net of the long-term inflation assumption of 2.5%.

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Notes to Financial Statements, Continued

(7) Pension Obligations, Continued

(d) Discount Rate

The discount rate used to calculate the total pension liability was 5.9%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based upon the assumptions, the System's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore the long term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

(e) Sensitivity of the Proportionate Share of the Net Pension Asset/Liability to the Discount Rate

The following presents the Authority's proportionate share of the net pension asset/(liability) calculated using the discount rate of 5.9%, as well as what the Authority's proportionate share of the net pension asset/(liability) would be if it were calculated using a discount rate that is 1-percentage point lower 4.9% or 1-percentage point higher 6.9% than the current rate:

	1% Decrease <u>4.9%</u>	Current Assumption <u>5.9%</u>	1% Increase <u>6.9%</u>
Employer's proportionate share of the net pension asset (liability)	\$( <u>12,782,389</u> )	<u>4,965,984</u>	<u>19,811,643</u>

(f) Pension Plan Fiduciary Net Position

The components of the current-year net pension liability of all participating employers as of the respective measurement dates, were as follows:

	(Dollars in Millions)
Measurement date	3/31/2022
Employers' total pension liability	\$ (223,875)
Plan fiduciary net position	<u>232,050</u>
Employers' net pension asset	\$ <u>8,175</u>
Ratio of plan fiduciary net position to the Employers' total pension asset	103.65%

(g) Contributions to the Pension Plan

Employer contributions are paid annually based on the System's fiscal year which ends on March 31<sup>st</sup>. Retirement contributions as of December 31, 2022 and 2021 represent the projected employer contribution for the period of April 1, 2021 through March 21, 2022 and through April 1, 2020 through March 31, 2021, respectively, based on paid employee wages multiplied by the employer's contribution rate, by tier. Retirement contributions paid to the System for the years ended December 31, 2022 and 2021 was \$2,176,291 and \$2,669,138, respectively.

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Notes to Financial Statements, Continued

(8) Other Postemployment Benefits

(a) Plan Description and Benefits

The Authority provides certain health care benefits for retired employees. The Authority administers the Retirement Benefits Plan (the Retirement Plan) as a single-employer defined benefit Other Postemployment Benefit Plan (OPEB). In general, the Authority provides health care benefits for those retired personnel who are eligible for a pension through the System. The Retirement Plan can be amended by action of the Authority subject to applicable collective bargaining and employment agreements.

The obligations of the Retirement Plan are established by action of the Authority pursuant to applicable collective bargaining and employment agreements. The required premium contribution rates of retirees range from 0% to 10%, depending on when the employee was hired. The Authority will pay its portion of the premium for the retiree and spouse for the lifetime of the retiree. The costs of administering the Retirement Plan are paid by the Authority. The Authority currently contributes enough money to the Retirement Plan to satisfy current obligations on a pay-as-you-go basis to cover annual premiums.

(b) Employees Covered by Benefit Terms

At December 31, 2022 and 2021, the following employees were covered by the benefit terms:

	<u>2022</u>	<u>2021</u>
Retired participants	151	151
Active participants	<u>171</u>	<u>171</u>
Total participants	<u>322</u>	<u>322</u>

(c) Total OPEB Liability

The Authority's total OPEB liability of \$57,301,338 and \$81,136,468 was measured as of December 31, 2022 and 2021 and was determined by an actuarial valuation as of January 1, 2021.

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Notes to Financial Statements, Continued

(8) Other Postemployment Benefits, Continued

(d) Actuarial Methods and Other Inputs

The total OPEB liability in the January 1, 2021 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Inflation	4.24%
Discount Rate	3.65% The discount rate was based on the index provided by Bond Buyer 20-Bond General Obligation based on the 20 year AA municipal bond rate as of December 1, 2022.
Cost Method	Entry Age Normal (Percent of Salary)
Healthcare Cost Trend Rates	7.50% for 2023, decreasing to an ultimate rate of 4.24% for 2089 and later years
Employer Funding Policy	Pay-as-you-go cash basis
Census Data	As of January 1, 2021
Mortality	Retired and Active Pub-2010 General Headcount Weighted Mortality Table fully generational using Scale MP-2021.

(e) Changes in the Total OPEB Liability

	<u>2022</u>	<u>2021</u>
Total OPEB liability at beginning of year	\$ <u>81,136,468</u>	<u>55,538,466</u>
Changes for the year:		
Service cost	1,929,305	3,073,473
Interest	1,991,682	1,648,145
Differences between expected and actual experience	-	11,489,334
Changes of assumptions	(25,383,557)	11,312,724
Benefit payments	<u>(2,372,560)</u>	<u>(1,925,674)</u>
Total changes	<u>(23,835,130)</u>	<u>25,598,002</u>
Total OPEB liability at of end of year	\$ <u>57,301,338</u>	<u>81,136,468</u>

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Notes to Financial Statements, Continued

(8) Other Postemployment Benefits, Continued

(f) Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current discount rate:

	2022		
	<u>1%</u>	<u>Current</u>	<u>1%</u>
	<u>Decrease</u>	<u>Discount</u>	<u>Increase</u>
		<u>Rate</u>	
Total OPEB liability	\$ (64,247,880)	(57,301,338)	(51,493,134)
	2021		
	<u>1%</u>	<u>Current</u>	<u>1%</u>
	<u>Decrease</u>	<u>Discount</u>	<u>Increase</u>
		<u>Rate</u>	
Total OPEB liability	\$ (93,498,710)	(81,136,468)	(70,320,622)

(g) Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using healthcare cost trend rates that are 1 percentage point lower or 1 percentage point higher than the current healthcare cost trend rate:

	2022		
	<u>1%</u>	<u>Current</u>	<u>1%</u>
	<u>Decrease</u>	<u>Trend</u>	<u>Increase</u>
		<u>Rate</u>	
Total OPEB liability	\$ (49,299,265)	(57,301,338)	(67,352,822)
	2021		
	<u>1%</u>	<u>Current</u>	<u>1%</u>
	<u>Decrease</u>	<u>Trend</u>	<u>Increase</u>
		<u>Rate</u>	
Total OPEB liability	\$ (67,813,426)	(81,136,468)	(97,339,621)

(h) OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the years ended December 31, 2022 and 2021, the Authority recognized OPEB expense of \$(1,133,902) and \$7,338,570, respectively. At December 31, 2022, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

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Notes to Financial Statements, Continued

(8) Other Postemployment Benefits, Continued

(h) OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources  
Related to OPEB, Continued

	2022	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 8,138,739	(4,758,638)
Changes in assumptions	<u>11,361,503</u>	<u>(21,914,495)</u>
Total	<u>\$ 19,500,242</u>	<u>(26,673,133)</u>
	2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 10,277,602	(6,762,674)
Changes in assumptions	<u>14,453,702</u>	<u>(2,440,293)</u>
Total	<u>\$ 24,731,304</u>	<u>(9,202,967)</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<u>Year ending</u>	
2023	\$ (2,682,329)
2024	(2,682,331)
2025	(1,727,351)
2026	<u>(80,880)</u>
	<u>\$ (7,172,891)</u>



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(9) Commitments and Contingencies

(a) Commitments

The Authority has entered into agreements with various water districts, towns and villages whereby the Authority obtains the use of the water facilities and agrees to provide water services to the residents of such districts. A number of these agreements require payments to be made by the Authority equal to the interest and principal due each year on the districts' outstanding debt related to the leased facilities. These agreements are classified as operating leases in the accompanying financial statements and recorded as a component of operating expenses. Any improvements to these facilities are capitalized by the Authority.

The Authority has an "Amended and Restated Water Development and Supply Agreement" with Genesee County to finance, construct, own, operate and supply water service in and for that County of Genesee. Genesee County is continuing to develop and increase the amount of water supplied by the Authority to and within Genesee County in multiple phases.

The first Phase of the project involved the construction of approximately thirty-five miles of water mains financed with the proceeds of the 2001 Series Water Revenue Bonds and capital grants from state and federal agencies (see further disclosure in note 6). Expenditures of \$24,061,115 were incurred for this project since Phase I was completed in 2004.

Phase II includes the construction of new transmission mains, new pump stations, and improvement to an existing pump station in Monroe County with a goal of providing approximately an additional 2.0 million gallons of water per day to Genesee County.

Phase II is currently in construction and a 2023 service date is anticipated.

The next phases of the project are currently in planning and design.

The Authority has entered into an agreement in 2010 whereby Monroe County is to provide certain public security and safety services to the Authority through December 31, 2026.

Amounts that are due under this agreement are summarized as follows for the years ended December 31:

2023	\$ 829,847
2024	829,847
2025	829,847
2026	<u>829,847</u>
	\$ <u>3,319,388</u>

The Authority expensed \$829,847 under this agreement during each of the years ended December 31, 2022 and 2021.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(9) Commitments and Contingencies, Continued

(a) Commitments, Continued

The Authority has entered into a water exchange agreement with the City. A stipulation of the agreement required the City to replace its Rush Reservoir with covered storage of water. The Authority is required to pay for 54% of the costs of the project, not to exceed a total project cost of \$9,000,000. The Authority's maximum commitment is \$4,860,000 over 20 years.

Amounts that are due under this agreement are summarized as follows for the years ended December 31:

2023	\$ 243,000
2024	243,000
2025	243,000
2026	243,000
2027	243,000
2028 - 2032	<u>1,215,000</u>
	<u>\$ 2,430,000</u>

The Authority expensed \$243,000 under this agreement during each of the years ended December 31, 2022 and 2021.

(b) Contingencies

The Authority is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; life and health of employees; and natural disasters. The Authority has various insurance policies with third-party carriers related to property protection, casualty and statutory and non-statutory employee protection.

The Authority is subject to litigation in the ordinary conduct of its affairs. Management does not believe, however, that such litigation, individually or in the aggregate, is likely to have a material adverse effect on the financial condition of the Authority.

(10) Self-Insured Workers' Compensation

The Authority is self-insured for workers' compensation claims. The Authority transfers its risk of loss through the purchase of commercial insurance for workers' compensation benefits up to a maximum aggregate amount of \$5,000,000 per occurrence, subject to a deductible of \$500,000 per occurrence. Claim expenses and liabilities are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. At December 31, 2022 and 2021, there were no liabilities recorded for workers' compensation claims.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of  
the County of Monroe, New York)

Notes to Financial Statements, Continued

(11) Related Party Transactions

The Authority has a contract with the County to supply the Authority with power and natural gas. The contract states that the Authority will purchase power and gas from the County at market value, plus a 0.6% service fee each year through August 31, 2025. For the years ended December 31, 2022 and 2021, the Authority paid \$5,325,293 and \$3,912,301, respectively, to the County under the terms of this agreement.

(12) Subsequent Events

The Authority has evaluated subsequent events through the date of the report which is the date the financial statements were available to be issued.

(13) Accounting Standards Issued But Not Yet Implemented

GASB has issued the following pronouncements which will be implemented in the years required. The effects of the implementation of these pronouncements are not known at this time.

Statement No. 94 - Public-Private and Public-Public Partnerships and Availability Payment Arrangements. Effective for fiscal years beginning after June 15, 2022.

Statement No. 96 - Subscription-Based Information Technology Arrangements. Effective for fiscal years beginning after June 15, 2022.

Statement No. 99 - Omnibus 2022. Effective for various periods through fiscal years beginning after June 15, 2023.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Required Supplementary Information  
Schedule of Changes in the Authority's  
Total OPEB Liability and Related Ratios  
December 31, 2022

Total OPEB liability	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Service cost	\$ 1,929,305	3,073,473	1,474,068	1,866,827	2,047,877
Interest	1,991,682	1,648,145	1,957,629	1,918,395	2,277,994
Changes of benefit terms	-	-	-	-	421,956
Differences between expected and actual experience	-	11,489,334	1,081,653	(5,253,944)	(8,774,311)
Changes of assumptions	(25,383,557)	11,312,724	5,879,065	(4,270,515)	2,086,463
Benefit payments	<u>(2,372,560)</u>	<u>(1,925,674)</u>	<u>(2,001,367)</u>	<u>(2,010,623)</u>	<u>(1,798,585)</u>
Net change in total OPEB liability	(23,835,130)	25,598,002	8,391,048	(7,749,860)	(3,738,606)
Total OPEB liability - beginning	<u>81,136,468</u>	<u>55,538,466</u>	<u>47,147,418</u>	<u>54,894,278</u>	<u>58,632,884</u>
Total OPEB liability - ending	<u>\$ 57,301,338</u>	<u>81,136,468</u>	<u>55,538,466</u>	<u>47,144,418</u>	<u>54,894,278</u>
Covered payroll	\$ 13,695,633	13,296,731	14,641,528	17,097,419	16,478,853
Total OPEB liability as a percentage of covered payroll	407.09%	589.17%	379.32%	275.80%	333.10%

Notes to schedule:

Changes of assumptions - Changes of assumptions and other inputs reflect the effects of changes in the discount rate each period. The following are the discount rates used in each actuarial valuation:

<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
3.65%	2.13%	3.26%	4.11%	3.44%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the Authority presents information for those years for which information is available.

There are no assets accumulated in a trust meets the criteria in GASB Statement No. 75, paragraph 4.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Required Supplementary Information  
Schedule of the Authority's Proportionate Share of the Net Pension Liability  
December 31, 2022

NYSERS Pension 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>
Authority's proportion of the net pension asset/liability	0.0607491%	0.0584392%	0.0617040%	0.0577902%	0.0583864%	0.0580000%	0.0600000%	0.0010000%
Authority's proportionate share of the net pension asset/(liability)	\$ 4,965,984	(58,190)	(16,339,575)	(4,094,611)	(1,884,391)	(5,420,629)	(9,693,114)	(2,021,835)
Authority's covered payroll	\$ 17,178,050	17,023,526	16,860,861	16,617,975	14,993,931	14,584,555	14,651,331	14,724,692
Authority's proportionate share of the net pension asset/liability as a percentage of its covered payroll	28.91%	0.34%	96.91%	24.64%	12.57%	37.17%	66.16%	13.73%
Plan fiduciary net position as a percentage of the total pension asset/liability	103.65%	99.95%	86.39%	96.27%	98.29%	94.70%	90.70%	97.95%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is complied, the Authority presents information for those years for which information is available.

MONROE COUNTY WATER AUTHORITY  
(A Discretely Presented Component Unit of the County of Monroe, New York)  
Required Supplementary Information  
Schedule of the Authority's Pension Contributions  
December 31, 2022

	NYSERS Pension 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	\$ 2,176,291	2,669,138	2,431,247	2,238,932	2,251,223	2,216,347	2,628,166	2,975,247
Contributions in relation to the contractually required contribution	<u>2,176,291</u>	<u>2,669,138</u>	<u>2,431,247</u>	<u>2,238,932</u>	<u>2,251,223</u>	<u>2,216,347</u>	<u>2,628,166</u>	<u>2,975,247</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Authority's covered payroll	\$ 17,178,050	17,023,526	16,860,861	16,617,975	14,993,931	14,584,555	14,651,331	14,724,692
Contributions as a percentage of covered payroll	12.67%	15.68%	14.42%	13.47%	15.01%	15.20%	17.94%	20.21%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is complied, the Authority presents information for those years for which information is available.

INDEPENDENT AUDITOR'S 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

The Board of Directors  
Monroe County Water Authority

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 the Monroe County Water Authority (the Authority), a discretely presented component unit of the County of Monroe, New York, as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated March 16, 2023.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority'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 opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority'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 Authority'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.

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 or significant deficiencies may exist that were not identified.

## Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority'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 financial statements. 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.

## 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 Authority'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 Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

EFPR Group, CPAs, PLLC

Williamsville, New York  
March 16, 2023