



OHIO AUDITOR OF STATE
KEITH FABER



**JEFFERSON WATER AND SEWER DISTRICT
FRANKLIN COUNTY
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020**

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OHIO AUDITOR OF STATE KEITH FABER



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INDEPENDENT AUDITOR'S REPORT

Jefferson Water and Sewer District
Franklin County
6455 Taylor Road
Blacklick, Ohio 43004

To the Board of Trustees:

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of the Jefferson Water and Sewer District, Franklin County, Ohio (the District), as of and for the years ended December 31, 2021 and 2020, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the financial position of the Jefferson Water and Sewer District, Franklin County, Ohio as of December 31, 2021 and 2020, and the changes in financial position and its cash flows for the years then ended in accordance with the accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit 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 *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the District, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Emphasis of Matter

As discussed in Note K to the financial statements, the financial impact of COVID-19 and the continuing emergency measures will impact subsequent periods of the District. We did not modify our opinion regarding this matter.

Responsibilities of Management for the Financial Statements

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our 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 District's internal control. Accordingly, no such opinion is expressed.
- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

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

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the *management's discussion and analysis*, and schedules of net pension and other post-employment benefit liabilities and pension and other post-employment benefit contributions be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 30, 2022, on our consideration of the District's internal control over financial reporting and 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 District'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 the District's internal control over financial reporting and compliance.



Keith Faber
Auditor of State
Columbus, Ohio

November 30, 2022

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Jefferson Water and Sewer District
Management's Discussion and Analysis
For the Years Ended December 31, 2021 and 2020
(Unaudited)

This discussion and analysis, along with the accompanying financial reports, of Jefferson Water and Sewer District (the District) is designed to provide our customers, creditors and other interested parties with a general overview of the District and its financial activities.

FINANCIAL HIGHLIGHTS

The total assets and deferred outflows of resources of the District exceeded liabilities and deferred inflows of resources on December 31, 2021 and 2020 by \$25,392,259 and \$23,543,955 respectively. The District's net position increased by \$1,848,304 (8.0%) in 2021 and by \$2,147,851 (10%) in 2020.

The District's operating revenues decreased by \$564,410 (6.3%) in 2021 and increased by \$2,314,180 (35.2%) in 2020. Operating expenses (excluding depreciation expense) decreased by \$327,430 (5.70%) in 2021 and increased by \$936,260 (19.4%) in 2020. Depreciation expense increased by \$41,758 (3.6%) in 2021 and increased \$84,415 (7.8%) in 2020.

OVERVIEW OF BASIC FINANCIAL STATEMENTS

The District is a single enterprise fund using proprietary fund accounting, similar to accounting used by private sector businesses. The basic financial statements are presented using the accrual basis of accounting.

The **Statements of Net Position** include all of the District's assets, liabilities and deferred inflows/outflows of resources. These statements provide information about the nature and amounts of investments in resources (assets) owned by the District, and obligations owed by the District (liabilities) on December 31, 2021. The District's net position is the difference between assets plus deferred outflows of resources and liabilities plus deferred inflows of resources.

The **Statements of Revenues, Expenses and Changes in Net Position** provide information on the District's operations over the past two years and the success of recovering all its costs through user fees, charges, assessments, and other income. Revenues are reported when earned and expenses are reported when incurred.

The **Statements of Cash Flows** provide information about the District's cash receipts and cash disbursements. They summarize the net changes in cash resulting from operating, investing and financing activities.

Jefferson Water and Sewer District
Management's Discussion and Analysis
For the Years Ended December 31, 2021 and 2020
(Unaudited)

STATEMENTS OF NET POSITION

Table 1 summarizes net position of the District. Capital assets are reported less accumulated depreciation. "Net Investment in Capital Assets" are capital assets less outstanding debt that was used to acquire those assets.

	Table 1				
	2021	2020	Change	2019	Change
Current and Other Assets	\$ 10,967,414	\$ 11,308,031	\$ (340,617)	\$ 7,442,082	\$ 3,865,949
Capital Assets, Net	30,678,447	30,066,200	612,247	28,465,567	1,600,633
Total Assets	41,645,861	41,374,231	271,630	35,907,649	5,466,582
Deferred Outflows of Resources					
Pension	219,992	275,050	(55,058)	518,529	(243,479)
OPEB	107,038	162,000	(54,962)	78,110	83,890
Total Deferred Outflows of Resources	327,030	437,050	(110,020)	596,639	(159,589)
Long Term Liabilities	9,283,464	10,522,836	(1,239,372)	11,518,802	(995,966)
Current and Other Liabilities	6,551,665	7,384,486	(832,821)	3,567,250	3,817,236
Total Liabilities	15,835,129	17,907,322	(2,072,193)	15,086,052	2,821,270
Deferred Inflows of Resources					
Pension	415,739	250,683	165,056	20,298	230,385
OPEB	329,764	109,321	220,443	1,834	107,487
Total Deferred Inflows of Resources	745,503	360,004	385,499	22,132	337,872
Net Position					
Net Investment in Capital Assets	21,702,345	20,534,246	1,168,099	17,968,787	2,565,459
Unrestricted	3,689,914	3,009,709	680,205	3,427,317	(417,608)
Total Net Position	\$ 25,392,259	\$ 23,543,955	\$ 1,848,304	\$ 21,396,104	\$ 2,147,851

The net pension liability (NPL) is a significant liability reported by the District at December 31, 2021 and is reported pursuant to GASB Statement 68, "Accounting and Financial Reporting for Pensions—an Amendment of GASB Statement 27." The District reports another significant liability due to GASB Statement 75, "Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions," which significantly revised accounting for costs and liabilities related to other postemployment benefits (OPEB). For reasons discussed below, many end users of this financial statement will gain a clearer understanding of the District's actual financial condition by adding deferred inflows related to pension and OPEB, the net pension liability and the net OPEB liability to the reported net position and subtracting deferred outflows related to pension and OPEB.

Governmental Accounting Standards Board standards are national and apply to all government financial reports prepared in accordance with generally accepted accounting principles. Prior accounting for pensions (GASB 27) and postemployment benefits (GASB 45) focused on a funding approach. This approach limited pension and OPEB costs to contributions annually required by law, which may or may not be sufficient to fully fund each plan's *net pension liability* or *net OBEP liability*. GASB 68 and GASB 75 take an earnings approach to pension and OPEB accounting; however, the nature of Ohio's statewide pension/OPEB plans and state law governing those systems requires additional explanation in order to properly understand the information presented in these statements.

Jefferson Water and Sewer District
Management's Discussion and Analysis
For the Years Ended December 31, 2021 and 2020
(Unaudited)

GASB 68 and GASB 75 require the net pension liability and the net OPEB liability to equal the District's proportionate share of each plan's collective:

1. Present value of estimated future pension/OPEB benefits attributable to active and inactive employees' past service
2. Minus plan assets available to pay these benefits

GASB notes that pension and OPEB obligations, whether funded or unfunded, are part of the "employment exchange" – that is, the employee is trading his or her labor in exchange for wages, benefits, and the promise of a future pension and other postemployment benefits. GASB noted that the unfunded portion of this promise is a present obligation of the government, part of a bargained-for benefit to the employee, and should accordingly be reported by the government as a liability since they received the benefit of the exchange. However, the District is not responsible for certain key factors affecting the balance of these liabilities. In Ohio, the employee shares the obligation of funding pension benefits with the employer. Both employer and employee contribution rates are capped by State statute. A change in these caps requires action of both Houses of the General Assembly and approval of the Governor. Benefit provisions are also determined by State statute. The Ohio revised Code permits, but does not require the retirement systems to provide healthcare to eligible benefit recipients. The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits.

The employee enters the employment exchange with the knowledge that the employer's promise is limited not by contract but by law. The employer enters the exchange also knowing that there is a specific, legal limit to its contribution to the retirement system. In Ohio, there is no legal means to enforce the unfunded liability of the pension/OPEB plan *as against the public employer*. State law operates to mitigate/lessen the moral obligation of the public employer to the employee, because all parties enter the employment exchange with notice as to the law. The retirement system is responsible for the administration of the pension and OPEB plans.

Most long-term liabilities have set repayment schedules or, in the case of compensated absences (i.e. sick and vacation leave), are satisfied through paid time-off or termination payments. There is no repayment schedule for the net pension liability or the net OPEB liability. As explained above, changes in benefits, contribution rates, and return on investments affect the balance of these liabilities, but are outside the control of the local government. In the event that contributions, investment returns, and other changes are insufficient to keep up with required payments, State statute does not assign/identify the responsible party for the unfunded portion. Due to the unique nature of how the net pension liability and the net OPEB liability are satisfied, these liabilities are separately identified within the long-term liability section of the statement of net position. In accordance with GASB 68 and GASB 75, the District's statements prepared on an accrual basis of accounting include an annual pension expense and an annual OPEB expense for their proportionate share of each plan's *change* in net pension liability and net OPEB liability, respectively, not accounted for as deferred inflows/outflows.

The District's net position increased by \$1,848,304 (8.0%) in 2021 and increased \$2,147,851 (10.0%) in 2020.

The District's assets increased by \$271,630 in 2021. The increase is primarily a result of an increase in accounts receivable and capital assets which was partially offset by decreases in cash and cash equivalents and investments. The increase in capital assets is primarily a result of completed construction. The decrease in investments is due to investments maturing and proceeds being transferred to cash and cash equivalents. Liabilities decreased \$2,072,193 in 2021. This increase is primarily due to a decrease in accounts payable, contracts payable unearned revenue, long term debt, net pension liabilities, and net OPEB liabilities which was partially offset by an increase in accrued wages and benefits and withholding payroll expenses and customer deposits-payable.

Unrestricted net position increased by \$680,205 (22.6%) in 2021. Unrestricted assets may be used without constraints established by bond covenants or other legal requirements. Net investment in capital assets increased by \$1,168,099 from 2020 to 2021 primarily due to additions of capital assets and payments on debt balances which were only partially offset by depreciation expense.

Jefferson Water and Sewer District
Management's Discussion and Analysis
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(Unaudited)

The District's assets increased by \$5,466,582 in 2020. The increase is primarily a result of an increase in cash and cash equivalents, accounts receivable, notes receivable and capital assets which was partially offset by decreases in investments. The increase in capital assets is primarily a result of completed construction. The increase in cash and cash equivalents is a result of an excess of cash receipts over cash disbursements as well as receipt of proceeds of investments. The decrease in investments is due to investments maturing and proceeds being transferred to cash and cash equivalents. Liabilities increased \$2,821,270 in 2020. This increase is primarily due to an increase in accounts payable and unearned revenue which was partially offset by a decrease in contracts payable, long-term debt and net pension liabilities.

Unrestricted net position decreased by \$417,608 (12.2%) in 2020. Unrestricted assets may be used without constraints established by bond covenants or other legal requirements. Net investment in capital assets increased by \$2,565,459 from 2019 to 2020 primarily due to additions of capital assets and payments on debt balances which were only partially offset by depreciation expense and disposals of capital assets.

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

Table 2 below summarizes the changes in Revenues, Expenses and Net Position.

	Table 2				
	2021	2020	Change	2019	Change
Operating Revenues	\$8,332,492	\$8,896,902	(\$564,410)	\$6,582,722	\$2,314,180
Total Operating Revenues	8,332,492	8,896,902	(564,410)	6,582,722	2,314,180
Non-Operating Revenues	132,484	253,838	(121,354)	334,006	(80,168)
Total Revenues	8,464,976	9,150,740	(685,764)	6,916,728	2,234,012
Operating Expenses (Excluding Depreciation)	5,427,064	5,754,494	(327,430)	4,818,234	936,260
Depreciation Expense	1,213,082	1,171,324	41,758	1,086,909	84,415
Total Operating Expenses	6,640,146	6,925,818	(285,672)	5,905,143	1,020,675
Non-Operating Expenses	444,887	2,214,874	(1,769,987)	507,995	1,706,879
Total Expenses	7,085,033	9,140,692	(2,055,659)	6,413,138	2,727,554
Capital Contributions	468,361	2,137,803	(1,669,442)	-	2,137,803
Changes in Net Position	1,848,304	2,147,851	(299,547)	503,590	1,644,261
Net Position at Beginning of Year	23,543,955	21,396,104	2,147,851	20,892,514	503,590
Net Position at End of Year	\$25,392,259	\$23,543,955	\$1,848,304	\$21,396,104	\$2,147,851

Operating revenues decreased by \$564,410 from 2020 to 2021 which is primarily due to a decrease in tap fees which was partially offset by an increase in charges for services.

Operating expenses decreased by \$285,672 from 2020 to 2021 primarily due to a decrease in payroll expenses which was partially offset by an increase in plant operations.

Operating revenues increased by \$2,234,012 from 2019 to 2020 which is primarily due to an increase in tap fees and charges for services.

Operating expenses increased by \$1,020,675 from 2019 to 2020 primarily due to an increase in plant operations related expenses for sewer treatment, an increase in water purchases, an increase in legal fees, as well as a slight increase in depreciation expense for additional capital assets placed into service.

Jefferson Water and Sewer District
Management's Discussion and Analysis
For the Years Ended December 31, 2021 and 2020
(Unaudited)

CAPITAL ASSETS

The District had \$48,020,538 and \$46,728,095 invested in depreciable capital assets (before depreciation) at the end of 2021 and 2020, respectively. This amount is an increase of \$1,292,443 (2.8%) from 2020 to 2021 and an increase of \$2,406,504 (5.4%) from 2019 to 2020. The increase in 2021 is primarily the result of the completion of construction projects which was partially offset by the disposal of certain capital assets. The increase in 2020 is primarily the result of the completion of construction projects. Additional information regarding capital assets can be found in Note D to the Basic Financial Statements.

	Table 3				
	2021	2020	Change	2019	Change
Non-depreciable Capital Assets					
Land and land easements	\$ 777,732	\$ 777,732	\$ -	\$ 777,732	\$ -
Construction in progress	1,011,166	478,280	532,886	218,630	259,650
Total Non-depreciable Capital Assets	1,788,898	1,256,012	532,886	996,362	259,650
Depreciable Capital Assets					
Buildings and improvements	5,433,142	5,431,801	1,341	5,431,801	-
Completed construction	22,752,188	22,240,527	511,661	20,129,489	2,111,038
Furniture and general equipment	4,073,341	3,807,926	265,415	3,541,799	266,127
Vehicles and accessories	352,010	306,345	45,665	277,006	29,339
Donated assets	15,409,857	14,941,496	468,361	14,941,496	-
Totals Before					
Accumulated Depreciation	48,020,538	46,728,095	1,292,443	44,321,591	2,406,504
Accumulated Depreciation	(19,130,989)	(17,917,907)	(1,213,082)	(16,852,386)	(1,065,521)
Net Depreciable Capital Assets	28,889,549	28,810,188	79,361	27,469,205	1,340,983
Total Capital Assets	<u>\$ 30,678,447</u>	<u>\$ 30,066,200</u>	<u>\$ 612,247</u>	<u>\$ 28,465,567</u>	<u>\$ 1,600,633</u>

DEBT

The District issues long term debt to finance much of its construction. With the exception of the Rural Development bonds, the Ohio Water Development Authority (OWDA) loans were used to finance most general improvement projects.

	Table 4				
	2021	2020	Change	2019	Change
Ohio Water Development Authority (OWDA)	\$ 5,090,443	\$ 5,356,562	\$ (266,119)	\$ 6,040,214	\$ (683,652)
Rural Development	3,880,600	3,965,400	(84,800)	4,046,700	(81,300)
Total Long Term Debt	8,971,043	9,321,962	(350,919)	10,086,914	(764,952)
Less: Current Maturities	650,828	748,758	(97,930)	763,626	(14,868)
Net Total Long Term Debt	<u>\$ 8,320,215</u>	<u>\$ 8,573,204</u>	<u>\$ (252,989)</u>	<u>\$ 9,323,288</u>	<u>\$ (750,084)</u>

The District's debt is paid from operating revenues generated by the District. For additional information regarding debt, please see note E to the basic financial statements.

Jefferson Water and Sewer District
Management's Discussion and Analysis
For the Years Ended December 31, 2021 and 2020
(Unaudited)

CASH

Cash and cash equivalents were \$3,646,798 on December 31, 2021 and \$4,113,570 on December 31, 2020.

CONTACT INFORMATION

Questions regarding this report and requests for additional information should be forwarded to Mark Williams, Jefferson Water and Sewer District, 6455 Taylor Rd., Blacklick, Ohio 43004 or (614) 864-0740.

Jefferson Water and Sewer District
Statements of Net Position
As of December 31, 2021 and 2020

	2021	2020
CURRENT ASSETS:		
Cash and cash equivalents	\$ 3,192,937	\$ 3,723,449
Investments	3,004,270	3,147,959
Accounts receivable	477,096	382,373
Inventory	93,144	31,084
Prepaid expense	56,533	39,243
Intergovernmental receivable	-	-
Notes receivable	-	-
Accrued interest receivable	-	-
Total Current Assets	6,823,980	7,324,108
RESTRICTED ASSETS:		
Restricted cash and cash equivalents	453,861	390,121
Water assessments receivable	5,298	13,103
Sewer assessments receivable	26	4,378
Total Restricted Assets	459,185	407,602
CAPITAL ASSETS:		
Capital assets, not being depreciated	1,788,898	1,256,012
Capital assets, net of accumulated depreciation	28,889,549	28,810,188
Total Capital Assets	30,678,447	30,066,200
OTHER ASSETS:		
Notes receivable less current portion	3,576,321	3,576,321
Net OPEB Asset	107,928	-
Total Assets	41,645,861	41,374,231
DEFERRED OUTFLOWS OF RESOURCES:		
Pensions	219,992	275,050
OPEB	107,038	162,000
Total Deferred Outflows of Resources	327,030	437,050
Total Assets and Deferred Outflows of Resources	\$ 41,972,891	\$ 41,811,281
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION		
CURRENT LIABILITIES:		
Accounts payable	\$ 1,051,322	\$ 1,558,023
Accrued wages and benefits and withholding payroll expenses	222,420	153,647
Current portion of long term debt	650,828	748,758
Contracts payable	-	204,933
Retainage payable	5,059	5,059
Accrued interest payable	179,545	196,708
Customer deposits- payable	190,879	139,923
Unearned revenue	4,251,612	4,377,435
Total Current Liabilities	6,551,665	7,384,486
LONG TERM LIABILITIES:		
Long term debt less current portion	8,320,215	8,573,204
Net Pension Liabilities	963,249	1,181,790
Net OPEB Liabilities	-	767,842
Total Long Term Liabilities	9,283,464	10,522,836
Total Liabilities	15,835,129	17,907,322
DEFERRED INFLOWS OF RESOURCES:		
Pensions	415,739	250,683
OPEB	329,764	109,321
Total Deferred Inflows of Resources	745,503	360,004
NET POSITION:		
Net Investment in capital assets	21,702,345	20,534,246
Unrestricted	3,689,914	3,009,709
Total Net Position	25,392,259	23,543,955
Total Liabilities, Deferred Inflows of Resources and Net Position	\$ 41,972,891	\$ 41,811,281

The notes to the basic financial statements are an integral part of this statement.

Jefferson Water and Sewer District
Statements of Revenues, Expenses and Changes in Net Position
For the Years Ended December 31, 2021 and 2020

	2021	2020
OPERATING REVENUES:		
Charges for services	\$ 5,805,917	\$ 5,588,762
Tap fees	2,468,311	3,271,306
Miscellaneous income	58,264	36,834
Total Operating Revenues	8,332,492	8,896,902
OPERATING EXPENSES:		
Plant operations	4,159,848	3,689,068
Salaries and payroll related expenses	791,091	1,613,823
General and administration expenses	476,125	451,603
Depreciation	1,213,082	1,171,324
Total Operating Expenses	6,640,146	6,925,818
 Operating Income	 1,692,346	 1,971,084
NON-OPERATING INCOME AND (EXPENSES):		
Loss on disposal of capital assets	-	(1,795,263)
Interest income	61,683	76,448
Intergovernmental	41,617	48,335
Other Miscellaneous	29,184	29,184
Gain (Loss) on Investments	(75,468)	99,871
Interest expense	(369,419)	(419,611)
Total Nonoperating Income (Expenses)	(312,403)	(1,961,036)
 Increase In Net Position before Capital Contributions	 1,379,943	 10,048
Capital Contributions - Developers	468,361	2,137,803
 Increase In Net Position	 1,848,304	 2,147,851
 Net Position, Beginning of Year	 23,543,955	 21,396,104
 Net Position, End of Year	 \$ 25,392,259	 \$ 23,543,955

The notes to the basic financial statements are an integral part of this statement.

Jefferson Water and Sewer District
Statements of Cash Flows
For the Years Ended December 31, 2021 and 2020

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash received from customers	\$ 8,053,682	\$ 8,972,467
Cash received from other operating income	58,264	36,834
Cash payments to suppliers for goods and services	(5,222,024)	(3,710,324)
Cash payments for employee services and benefits	(1,321,110)	(1,385,133)
Net Cash Provided by Operating Activities	<u>1,568,812</u>	<u>3,913,844</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:		
Other miscellaneous income	29,184	29,184
Customer Deposits	50,956	15,687
Net Cash Provided by/(Used for) Non-Capital Financing Activities	<u>80,140</u>	<u>44,871</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Construction of water and sewer projects and other capital acquisitions	(1,561,901)	(2,629,291)
Proceeds from construction loans	411,530	-
Principal payments on construction loans	(762,448)	(764,953)
Interest payments on construction loans	(344,965)	(386,222)
Special assessment collections - principal	12,157	17,296
Special assessment collections - interest	951	456
Net Cash Used for Capital and Related Financing Activities	<u>(2,244,676)</u>	<u>(3,762,714)</u>
CASH FLOWS FROM INVESTING ACTIVITIES:		
Sale of investments	68,221	378,737
Interest received on bank accounts	60,731	75,992
Net Cash Provided by (Used for) Investing Activities	<u>128,952</u>	<u>454,729</u>
Net Increase (Decrease) In Cash and Cash Equivalents	(466,772)	650,730
Cash and Cash Equivalents, Beginning of the Year	4,113,570	3,462,840
Cash and Cash Equivalents, End of the Year	<u>\$ 3,646,798</u>	<u>\$ 4,113,570</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:		
Operating Income	\$ 1,692,346	\$ 1,971,084
ADJUSTMENTS TO RECONCILE OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:		
Depreciation	1,213,082	1,171,324
CHANGES IN NET ASSETS AND LIABILITIES:		
(Increase) decrease in accounts receivable	(94,723)	(83,058)
Decrease in prepaid expense	(17,290)	2,435
(Increase) decrease in inventory	(62,060)	(4,436)
(Increase) in notes receivable	-	(3,426,321)
(Increase) in OPEB Asset	(107,928)	-
(Increase) decrease in deferred outflows of resources - pensions	55,058	243,479
(Increase) in deferred outflows of resources - OPEB	54,962	(83,890)
Increase in accounts payable (operating)	(506,701)	432,348
Increase (decrease) in accrued wages and benefits and withholding payroll taxes	68,773	(22,889)
Increase in unearned revenue	(125,823)	3,621,778
Increase (decrease) in net pension liability	(218,541)	(337,722)
Increase (decrease) in OPEB liability	(767,842)	91,840
Increase (decrease) in deferred inflows of resources - pensions	165,056	230,385
Increase (decrease) in deferred inflows of resources - OPEB	220,443	107,487
Total Adjustments	<u>(123,534)</u>	<u>1,942,760</u>
Net Cash Provided by Operating Activities	<u>\$ 1,568,812</u>	<u>\$ 3,913,844</u>
NONCASH TRANSACTIONS		
Donated developer lines and pump station	\$ 468,361	\$ 2,137,803
Intergovernmental revenue - interest subsidy	\$ 41,617	\$ 48,335
Interest expense - interest subsidy	\$ (41,617)	\$ (48,335)

The notes to the basic financial statements are an integral part of this statement.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE A – NATURE OF ORGANIZATION

Jefferson Water and Sewer District (the “District”) was created by the Court of Common Pleas of Franklin County to provide water and sewer services to the residents of Jefferson Township in accordance with the provisions of section 6119.01 of the Ohio Revised Code. The District is managed by a Board comprised of five appointed trustees.

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity:

The reporting entity is comprised of the primary government, component units, and other organizations that are included to ensure that the financial statements of the District are not misleading. The primary government consists of all funds, departments, boards, and agencies that are not legally separate from the District. For the District, this includes general operations and water and sewer related activities of the District.

In accordance with the provisions of Governmental Accounting Standards Board (GASB) Statement No. 14, *The Financial Reporting Entity*, and GASB Statement No. 39, *Determining Whether Certain Organizations are Component Units* (an amendment of GASB Statement No. 14), the accompanying financial statements include only the accounts and transactions of the District. Under the criteria specified in these GASB Statements, the District has no component units nor is it considered a component unit of the State of Ohio. The District is considered, however, a political subdivision of the State of Ohio. These conclusions regarding the financial reporting entity are based on the concept of financial accountability. The District is not financially accountable for any other organizations. This is evidenced by the fact that the District is a legally and fiscally separate and distinct organization. The District is solely responsible for its finances. The District is empowered to issue debt payables solely from District revenues.

Component units are legally separate organizations for which the District is financially accountable. The District is financially accountable for an organization if the District appoints a voting majority of the organization’s governing board and (1) the District is able to significantly influence the programs or services performed or provided by the organization; or (2) the District is legally entitled to or can otherwise access the organization’s resources; the District is legally obligated or has otherwise assumed the responsibility to finance the deficits of, or provide financial support to, the organization; or the District is obligated for the debt of the organization. Component units may also include organizations that are fiscally dependent on the District in that the District approves the budget, the issuance of debt, or the levying of taxes. Based upon the application of these criteria, the District has no component units.

The significant accounting policies followed in the preparation of these financial statements conform to accounting principles generally accepted in the United States of America for local governmental units as prescribed in the statements issued by the Governmental Accounting Standards Board and other recognized authoritative sources. A summary of the significant accounting policies consistently applied in preparation of the accompanying financial statements follows:

1. Basis of Presentation – Fund Accounting

The accounts of the District are organized on the basis of funds, each of which is considered a separate accounting entity. The District has created a single type of fund and a single fund within that fund type. The fund is accounted for by a separate set of self-balancing accounts that comprise its assets, deferred outflows of resources, liabilities, deferred inflows of resources, net position, revenues, and expenses. This fund accounts for the governmental resources allocated to it for the purpose of carrying on specific activities in accordance with laws, regulations or other restrictions. The fund type, which the District uses, is described below:

Proprietary Fund Type – This fund type accounts for operations that are organized to be self-supporting through user charges. The fund included in this category used by the District is the Enterprise Fund.

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Enterprise Fund – This fund is established to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is that costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

2. Measurement Focus and Basis of Accounting

The District's operations are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, all liabilities, and all deferred inflows/outflows of resources associated with operations are included on the statements of net position. The operating statements present increases (i.e., revenues) and decreases (i.e., expenses) in total net position. The accounting records are maintained on the accrual basis of accounting for financial reporting purposes.

3. Budgetary Process

The Ohio Revised Code requires that each fund be budgeted annually. The District has adopted a budget for the years ended December 31, 2021 and 2020, and passed annual appropriations and resolutions.

Appropriations – Budgetary expenditures (i.e., disbursements and encumbrances) may not exceed appropriations at the fund, function or object level of control, and appropriations may not exceed estimated resources. The District must annually approve appropriation measures and subsequent amendments. Appropriations lapse at year-end.

Estimated Resources – Estimated resources include estimates of cash to be received (budgeted receipts) plus unencumbered cash as of January 1.

Encumbrances – The Ohio Revised Code requires the District to reserve (encumber) appropriations when commitments are made.

4. Revenue Recognition

Revenues for the service fees are recorded in the period the service is provided. Revenue for tap fees from developers is recorded when construction of the main water and sewer lines to a development is complete and the District and the developer have satisfied the terms of the tap agreement. The principal portion of tap fee revenues from customer five-year notes receivable is recognized in the year the note is executed; interest from the notes receivable is recognized in the year earned. All other revenue is recognized when earned.

5. Accounts Receivable

Accounts receivable are shown at their net realizable value. The direct write-off method is used to record bad debts. Uncollectible accounts receivable are charged to operations during the period in which they are determined to be uncollectible. The results of using the direct write-off method closely approximate the reserve method of accounting for receivables. Bad debts are only recorded after all efforts for collection are exhausted, including certifying delinquent accounts to the county auditor, which are attached to real estate tax billings.

6. Prepaid Expenses

Payments made to vendors for services that will benefit periods beyond year-end are recorded as prepaid expenses using the consumption method. An asset for prepaid amounts is recorded at the time of the purchase and an expense is reported in the year in which services are consumed.

7. Capital Assets

Capital assets are stated at cost (except as noted in the next paragraph with respect to donated developer lines) and are depreciated over the estimated useful lives of the assets from 5 years to 50 years depending upon the type of asset. Buildings have an estimated useful life of 30-50 years. Water and sewer lines and related infrastructure have an estimated useful life of 25-50 years. Furniture and general equipment have an estimated useful life of 5-15 years. Vehicles and accessories have an estimated useful life of 5-7 years. The District capitalizes assets that have a value or cost in excess of \$1,000 at the date of acquisition and an expected useful life of one or more years.

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Donated developer lines are stated at acquisition value based on developer documentation, and are depreciated over 50 years, which represents the estimated useful lives of the assets. Depreciation is computed using the straight-line method for financial reporting purposes. Repairs and maintenance costs are charged to operations when incurred. Improvements and additions are capitalized.

8. Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents.

Investments with a maturity of three months or less at the time they are purchased by the District are considered to be pooled cash and investments and are reported as “cash and cash equivalents” in the accompanying financial statements.

9. Interest Expense

Interest expense for the years ended December 31, 2021 and 2020 represents the interest portion of construction loan payments to the Ohio Water Development Authority and Rural Development in the amount of \$369,419 and \$419,611.

10. Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America require management to make estimates and assumptions that affect reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

11. Board Designated Cash Fund

The Board of Trustees allocates \$1,500 each year, via resolution, for expenditures to be designated by the Trustees. This procedure is in accordance with the Ohio Revised Code. Board discretionary expenditures for the years ended December 31, 2021 and 2020 were \$145 and \$0, respectively.

12. Vacation, Sick Leave and Other Compensated Absences

The District’s employees are entitled to certain compensated absences based on their length of employment. Accrued employee benefits include cumulative vested vacation, sick leave, and compensatory hours multiplied by current hourly rates.

13. Operating Revenues and Expenses

Operating revenues are those revenues that are generated directly from the primary activity of the proprietary fund. For the District, these revenues are service revenues and late charges for water and sewer services provided. Operating expenses are necessary costs incurred to provide the goods and/or services that are the primary activity of the fund. Revenues and expenses not meeting these definitions are identified as non-operating.

14. Net Position

Net position represents the difference between assets plus deferred outflows of resources and liabilities plus deferred inflows of resources. Net investment in capital assets, consist of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowings used for acquisition, construction or improvements of those assets. The District applies restricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position are available.

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

15. Inventory of Materials and Supplies

Inventories of materials and supplies are presented at the lower of cost or market on a first-in, first-out basis and are expensed when used.

16. Restricted Assets

Restricted assets should be reported when restrictions on asset use change the nature or normal understanding of the availability of the asset. Restricted assets represent certain resources segregated from other resources of the District to comply with various covenants established by bond financing agreements. These assets are generally held in separate accounts of the District or by a trustee. The various covenants place restrictions on the use of these resources, require minimum balances to be maintained in certain accounts, and establish annual amounts to be accumulated for specific purposes. For the District these amounts consisted of special assessments which are recognized as a receivable; however, they are not recognized as revenue since these properties are in an agricultural deferred status and the revenue cannot be collected until the properties are converted to a non-agricultural use.

17. Planning Costs – Proposed Projects

The planning costs for proposed projects are comprised of engineering, legal and administrative planning costs which are not allocated to specific projects currently in construction. If the proposed project begins construction, the respective planning costs will be included in capital assets and depreciated. If the proposed project does not enter construction, respective planning costs will be deemed impaired assets and written-off.

18. Deferred Outflows and Deferred Inflows of Resources

Deferred outflows of resources represent a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expenditures/expenses) until then. The District recorded a deferred outflow of resources for pension and other postemployment benefits. The deferred outflows of resources related to the pension and other postemployment benefits are explained in Note G and Note H. The District reports a deferred inflow of resources which represents an acquisition of net position that applies to a future period and will not be recognized as an inflow of resources (revenues) until that time. The District also reports a deferred inflow of resources which represents an acquisition of net position that applies to a future period and will not be recognized as an inflow of resources (revenues) until that time. For the District this was for pensions and postemployment benefits. (See Note G and Note H)

19. Pensions and Other Postemployment Benefits (OPEB)

For purposes of measuring the net pension/OPEB liability, deferred outflows of resources and deferred inflows of resources related to pensions and OPEB, and pension/OPEB expense, information about the fiduciary net position of the pension/OPEB plans and additions to/deductions from their fiduciary net position have been determined on the same basis as they are reported by the pension/OPEB plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The pension/OPEB plans report investments at fair value.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE C – RECEIVABLES

Accounts receivable are presented at their net realizable value of \$477,096 and \$382,373 as of December 31, 2021 and 2020.

Assessment receivables represent the principal portion of assessments for water and sewer line construction costs to local service users. These amounts will generally be paid over the life of the related debt (see Note E) including an interest rate of 6.16% and are reported as restricted assets.

NOTE D – CAPITAL ASSETS

Capital assets activity for the year ended December 31, 2021 was as follows:

	Ending Balance at 12/31/2020	Additions	Deletions	Ending Balance at 12/31/2021
Capital Assets, Not				
Being Depreciated				
Land and Land Easements	\$ 777,732	\$ -	\$ -	\$ 777,732
Construction in Progress	478,280	1,427,856	(894,970)	1,011,166
Total Capital Assets, Not Being Depreciated	<u>1,256,012</u>	<u>1,427,856</u>	<u>(894,970)</u>	<u>1,788,898</u>
Capital Assets, Being Depreciated				
Buildings and Improvements	5,431,801	1,341	-	5,433,142
Water and Sewer Lines and Related Infrastructure	22,240,527	511,661	-	22,752,188
Vehicles and Accessories	306,345	45,665	-	352,010
Furniture and General Equipment	3,807,926	265,415	-	4,073,341
Donated Water and Sewer Lines	14,941,496	468,361	-	15,409,857
Total Capital Assets, Being Depreciated	<u>46,728,095</u>	<u>1,292,443</u>	<u>-</u>	<u>48,020,538</u>
Less Accumulated Depreciation:				
Buildings and Improvements	(2,636,102)	(113,891)	-	(2,749,993)
Water and Sewer Lines and Related Infrastructure	(8,928,052)	(524,981)	-	(9,453,033)
Vehicles and Accessories	(235,963)	(26,880)	-	(262,843)
Furniture and General Equipment	(2,262,898)	(246,699)	-	(2,509,597)
Donated Water and Sewer Lines	(3,854,892)	(300,631)	-	(4,155,523)
Total Accumulated Depreciation	<u>(17,917,907)</u>	<u>(1,213,082)</u>	<u>-</u>	<u>(19,130,989)</u>
Total Capital Assets Being Depreciated, Net	<u>28,810,188</u>	<u>79,361</u>	<u>-</u>	<u>28,889,549</u>
Total Capital Assets	<u>\$ 30,066,200</u>	<u>\$ 1,507,217</u>	<u>\$ (894,970)</u>	<u>\$ 30,678,447</u>

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE D – CAPITAL ASSETS (Continued)

Capital assets activity for the year ended December 31, 2020 was as follows:

	Ending Balance at 12/31/2019	Additions	Deletions	Ending Balance at 12/31/2020
Capital Assets , Not Being Depreciated				
Land and Land Easements	\$ 777,732	\$ -	\$ -	\$ 777,732
Construction in Progress	218,630	2,187,597	(1,927,947)	478,280
Total Capital Assets, Not Being Depreciated	996,362	2,187,597	(1,927,947)	1,256,012
Capital Assets, Being Depreciated				
Buildings and Improvements	5,431,801	-	-	5,431,801
Water and Sewer Lines and Related Infrastructure	20,129,489	3,926,442	(1,815,404)	22,240,527
Vehicles and Accessories	277,006	29,339	-	306,345
Furniture and General Equipment	3,541,799	325,945	(59,818)	3,807,926
Donated Water and Sewer Lines	14,941,496	-	-	14,941,496
Total Capital Assets, Being Depreciated	44,321,591	4,281,726	(1,875,222)	46,728,095
Less Accumulated Depreciation:				
Buildings and Improvements	(2,506,968)	(129,134)	-	(2,636,102)
Water and Sewer Lines and Related Infrastructure	(8,472,845)	(510,057)	54,850	(8,928,052)
Vehicles and Accessories	(218,747)	(17,216)	-	(235,963)
Furniture and General Equipment	(2,098,002)	(215,849)	50,953	(2,262,898)
Donated Water and Sewer Lines	(3,555,824)	(299,068)	-	(3,854,892)
Total Accumulated Depreciation	(16,852,386)	(1,171,324)	105,803	(17,917,907)
Total Capital Assets Being Depreciated, Net	27,469,205	3,110,402	(1,769,419)	28,810,188
Total Capital Assets	\$ 28,465,567	\$ 5,297,999	\$ (3,697,366)	\$ 30,066,200

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE E – LONG-TERM DEBT

Loans payable related to construction of the District’s infrastructure consist of the following loans payable to the Ohio Water Development Authority for December 31, 2021 and 2020:

OWDA Loans Payable:	2021	2020
6.51% due in semi-annual payments of \$9,856, including interest through January 2022	18,512	35,888
6.18% due in semi-annual payments of \$2,367, including interest through July 2022	4,457	8,656
5.88% due in semi-annual payments of \$9,785, including interest through January 2023	27,211	44,182
5.66% due in semi-annual payments of \$16,119, including interest through January 2025	99,641	124,814
5.56% due in semi-annual payments of \$22,440, including interest through January 2025	140,974	176,526
5.77% due in semi-annual payments of \$9,067, including interest through January 2025	56,736	70,977
5.85% due in semi-annual payments of \$7,797, including interest through January 2021	-	7,369
6.72% due in semi-annual payments of \$25,478, including interest through January 2021	-	23,885
6.41% due in semi-annual payments of \$4,667, including interest through January 2027	42,700	48,994
6.39% due in semi-annual payments of \$12,930, including interest through January 2027	118,358	135,815
6.39% due in semi-annual payments of \$3,383, including interest through July 2027	33,287	37,713
6.39% due in semi-annual payments of \$12,877, including interest through January 2027	117,870	135,255
6.03% due in semi-annual payments of \$64,884, including interest through January 2027	599,850	689,378
6.03% due in semi-annual payments of \$15,454, including interest through January 2027	142,872	164,196
6.03% due in semi-annual payments of \$10,084, including interest through January 2027	93,228	107,143
6.03% due in semi-annual payments of \$17,014, including interest through January 2027	157,291	180,767
5.15% due in semi-annual payments of \$3,230, including interest through July 2028	37,564	41,920
4.40% due in semi-annual payments of \$56,999, including interest through July 2028	680,433	761,798
4.66% due in semi-annual payments of \$32,573, including interest through July 2029	430,914	474,451

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE E – LONG-TERM DEBT (Continued)

	2021	2020
OWDA Loans Payable:		
3.77% due in semi-annual payments of \$27,569, Including interest through July 2021	-	53,617
2.01% due in semi-annual payments to be determined, through January 2033	542,848	584,414
2.70% due in semi-annual payments to be determined, through January 2033	1,334,167	1,448,804
1.57% due in semi-annual payments to be determined, through January 2032	405,175	-
1.50% due in semi-annual payments to be determined, through January 2032	2,184	-
1.79% due in semi-annual payments to be determined, through January 2027	4,171	-
Total	5,090,443	5,356,562
Less current maturities	(562,228)	(663,958)
Noncurrent OWDA loans payable	\$4,528,215	\$4,692,604

	Balance 12/31/2020	Additions	Reductions	Balance 12/31/2021	Amount Due Within One Year
O.W.D.A.	\$ 5,356,562	\$ 411,529	\$ 677,648	\$ 5,090,443	\$ 562,228
Rural Development	3,965,400	-	84,800	3,880,600	88,600
Net Pension Liabilities	1,181,790	-	218,541	963,249	-
Net OPEB Liabilities*	767,842	-	767,842	-	-
	\$ 11,271,594	\$ 411,529	\$ 1,748,831	\$ 9,934,292	\$ 650,828

	Balance 12/31/2019	Additions	Reductions	Balance 12/31/2020	Amount Due Within One Year
O.W.D.A.	\$ 6,040,214	\$ -	\$ 683,652	\$ 5,356,562	\$ 663,958
Rural Development	4,046,700	-	81,300	3,965,400	84,800
Net Pension Liabilities	1,519,512	-	337,722	1,181,790	-
Net OPEB Liabilities	676,002	91,840	-	767,842	-
	\$ 12,282,428	\$ 91,840	\$ 1,102,674	\$ 11,271,594	\$ 748,758

* At December 31, 2021 there was a Net OPEB Asset of \$107,928

On February 18, 2016, the District was notified by the Ohio Water Development Authority (OWDA) that they have implemented an interest rate buy-down program to assist communities and local governments with outstanding OWDA loans. Any District OWDA loans with interest rates exceeding 4.00% will see a reduction of the interest ratio to 4.00%. The buy-down was credited to District payments starting with the July 1, 2016 due date and resulted in an interest subsidy in 2021 which was treated as both a non-operating revenue (Intergovernmental Revenue) and a non-operating expense (Interest Expense) in the accompanying financial statements. The District will receive an estimated \$104,189 of additional interest subsidies through 2029 in the following amounts annually:

Interest Subsidy

2022	34,498
2023	27,253
2024	20,243
2025	13,072
2026	6,789
2027	1,584
2028	645
2029	105
Total	\$104,189

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE E – LONG-TERM DEBT (Continued)

Maturities of the District’s debt for the years subsequent to December 31, 2021 are as follows:

	OWDA Loans			Rural Development Bonds		
	Principal	Interest	Total	Principal	Interest	Total
2022	\$503,568	\$156,997	\$660,565	\$88,600	\$169,776	\$258,376
2023	496,182	129,605	625,787	92,400	165,900	258,300
2024	512,600	119,148	631,748	96,500	161,858	258,358
2025	492,052	76,872	568,924	100,800	157,636	258,436
2026	469,438	51,860	521,298	105,100	153,226	258,326
2027-2031	792,824	53,732	846,556	598,700	692,997	1,291,697
2032-2036	78,082	1,575	79,657	741,700	550,056	1,291,756
2037-2041	-	-	-	918,700	372,986	1,291,686
2042-2046	-	-	-	1,138,100	153,631	1,291,731
Total	\$3,344,746	\$589,789	\$3,934,535	\$3,880,600	\$2,578,066	\$6,458,666

	Total		
	Principal	Interest	Total
2022	\$592,168	\$326,773	\$918,941
2023	588,582	295,505	884,087
2024	609,100	281,006	890,106
2025	592,852	234,508	827,360
2026	574,538	205,086	779,624
2027-2031	1,391,524	746,729	2,138,253
2032-2036	819,782	551,631	1,371,413
2037-2041	918,700	372,986	1,291,686
2042-2046	1,138,100	153,631	1,291,731
Total	\$7,225,346	\$3,167,855	\$10,393,201

The District has a 2.70 % Ohio Water Development Authority loan with an outstanding principal balance of \$1,334,167 which is not included in the above amortization schedule because the loan has not been finalized.

During 2021, the District received 1.57 %, 1.50%, and 1.79% Ohio Water Development Authority loans with outstanding principal balances of \$405,175, \$2,184, and \$4,171 which are not included in the above amortization schedule because the loans have not been finalized.

During 2006, the District issued \$4,840,000 in Rural Development Water Resource Revenue Bonds to retire an Ohio Water Development Authority loan. The terms of the bonds are an interest rate of 4.375% with a maturity date of 2046.

In connection with the mortgage revenue bonds and Ohio Water Development Authority loans, the District has pledged future customer revenues, net of specified operating expenses, to repay this debt. Pledged revenues of a given year may also include specified portions of cash balances carried over from the prior year. The bonds and loans are payable, through their final maturities, solely from net revenues applicable to its fund. The combined principal and interest remaining to be paid on the bonds as of December 31, 2021 and 2020 are \$6,458,666 and \$6,716,952. The combined principal and interest remaining to be paid on the loans as of December 31, 2021 and 2020 are \$5,680,232 and \$6,132,317 respectively. The coverage ratios at December 31, 2021 and 2020 were 2.66 and 2.77, respectively.

NOTE F – CAPITAL CONTRIBUTIONS

Donated Developer Lines and Other Capital Contributions

Contributions of resources from a developer for construction are also shown on the face of the financial statements as capital contributions – developers. The District had capital contributions of \$468,361 for 2021 and \$2,137,803 for 2020.

NOTE G – DEFINED BENEFIT RETIREMENT PLAN

The Statewide retirement systems provide both pension benefits and other postemployment benefits (OPEB).

Net Pension Liability/Net OPEB Liability

Pensions and OPEB are a component of exchange transactions—between an employer and its employees—of salaries and benefits for employee services. Pensions are provided to an employee—on a deferred-payment basis—as part of the total compensation package offered by an employer for employee services each financial period.

The net pension liability and the net OPEB liability represent the District’s proportionate share of each pension/OPEB plan’s collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension/OPEB plan’s fiduciary net position. The net pension/OPEB liability calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost of living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

Ohio Revised Code limits the District’s obligation for these liabilities to annually required payments. The District cannot control benefit terms or the manner in which pensions are financed; however, the District does receive the benefit of employees’ services in exchange for compensation including pension and OPEB.

GASB 68/75 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires funding to come from these employers. All pension contributions to date have come solely from these employers (which also includes pension costs paid in the form of withholdings from employees). The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits. In addition, health care plan enrollees pay a portion of the health care costs in the form of a monthly premium. State statute requires the retirement systems to amortize unfunded pension liabilities within 30 years. If the pension amortization period exceeds 30 years, each retirement system’s board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension/OPEB liability. Resulting adjustments to the net pension/OPEB liability would be effective when the changes are legally enforceable. The Ohio revised Code permits but does not require the retirement systems to provide healthcare to eligible benefit recipients.

The proportionate share of each plan’s unfunded benefits is presented as a net pension/OPEB asset or long-term net pension/OPEB liability on the accrual basis in the accompanying financial statements. Any liability for the contractually required pension/OPEB contribution outstanding at the end of the year is included as an intergovernmental payable on the accrual basis of accounting.

The remainder of this note includes the pension disclosures. See Note H for the OPEB disclosures.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Plan Description – Ohio Public Employees Retirement System (OPERS)

The District participates in the Ohio Public Employees Retirement System (OPERS). OPERS administers three separate pension plans. The traditional plan is a cost-sharing, multiple-employer defined benefit pension plan. The member-directed plan is a defined contribution plan in which the member invests both member and employer contributions (employer contributions vest over five years at 20 percent per year). Under the member-directed plan, members accumulate retirement assets equal to the value of the member and vested employer contributions plus any investment earnings. The combined plan is a cost-sharing, multiple-employer defined benefit pension plan that has elements of both a defined benefit and a defined contribution plan. Under the combined plan, OPERS invests employer contributions to provide a formula retirement benefit similar in nature to, but less than, the Traditional Pension Plan benefit. Member contributions, whose investment is self-directed by the member, accumulate retirement assets in a manner similar to the member-directed plan.

OPERS provides retirement, disability, survivor and death benefits and annual cost-of-living adjustments to members of the traditional and combined plans. District to establish and amend benefits is provided by Chapter 145 of the Ohio Revised Code. OPERS issues a stand-alone financial report that may be obtained by visiting <https://www.opers.org/financial/reports.shtml>, by writing to OPERS, 277 East Town Street, Columbus, OH 43215-4642, or by calling (614) 222-5601 or 800-222-7377.

Senate Bill (SB) 343 was enacted into law with an effective date of January 7, 2013. In the legislation, members were categorized into three groups with varying provisions of the law applicable to each group. The following table provides age and service requirements for retirement and the retirement formula applied to final average salary (FAS) for the three member groups under the traditional plan as per the reduced benefits adopted by SB 343 (see OPERS' AFCR referenced above for additional information):

Group A	Group B	Group C
Eligible to retire prior to January 7, 2013 or five years after January 7, 2013	20 years of service credit prior to January 7, 2013 or eligible to retire ten years after January 7, 2013	Members not in other Groups and members hired on or after January 7, 2013
State and Local	State and Local	State and Local
Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 57 with 25 years of service credit or Age 62 with 5 years of service credit
Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Formula: 2.2% of FAS multiplied by years of service for the first 35 years and 2.5% for service years in excess of 35

Final average Salary (FAS) represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career. Members who retire before meeting the age and years of service credit requirement for unreduced benefits receive a percentage reduction in the benefit amount. When a benefit recipient has received benefits for 12 months, an annual cost of living adjustment (COLA) is provided. This COLA is calculated on the base retirement benefit at the date of retirement and is not compounded. For those retiring prior to January 7, 2013, the COLA will continue to be a 3 percent simple annual COLA. For those retiring subsequent to January 7, 2013, beginning in calendar year 2021, the COLA will be based on the average percentage increase in the Consumer Price Index, capped at 3 %.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Defined contribution plan benefits are established in the plan documents, which may be amended by the Board. Member-directed plan and combined plan members who have met the retirement eligibility requirements may apply for retirement benefits. The amount available for defined contribution benefits in the combined plan consists of the member’s contributions plus or minus the investment gains or losses resulting from the member’s investment selections. Combined plan members wishing to receive benefits must meet the requirements for both the defined benefit and defined contribution plans. Member-directed participants must have attained the age of 55, have money on deposit in the defined contribution plan and have terminated public service to apply for retirement benefits. The amount available for defined contribution benefits in the member-directed plan consists of the members’ contributions, vested employer contributions and investment gains or losses resulting from the members’ investment selections. Employer contributions and associated investment earnings vest over a five-year period, at a rate of 20 percent each year. At retirement, members may select one of several distribution options for payment of the vested balance in their individual OPERS accounts. Options include the annuitization of their benefit (which includes joint and survivor options), partial lump-sum payments (subject to limitations), a rollover of the vested account balance to another financial institution, receipt of entire account balance, net of taxes withheld, or a combination of these options.

Beginning in 2022, the Combined Plan will be consolidated under the Traditional Pension Plan (defined benefit plan) and the Combined Plan option will no longer be available for new hires beginning in 2022.

Funding Policy – The Ohio Revised Code (ORC) provides statutory authority for member and employer contributions as follows:

	Local
2021 Statutory Maximum Contribution Rates	
Employer	14.0 %
Employee *	10.0 %
 2021 Actual Contribution Rates	
Employer:	
Pension **	14.0 %
Post-employment Health Care Benefits **	0.0
Total Employer	14.0 %
 Employee	 10.0 %

* Member contributions within the combined plan are not used to fund the defined benefit retirement allowance.

** These pension and employer health care rates are for the traditional and combined plans. The employer contributions rate for the member-directed plan is allocated 4 percent for health care with the remainder going to pension.

The District’s contractually required contribution to OPERS was \$127,292 for fiscal year 2021 and \$128,267 for 2020 respectively. Of this amount \$35,304 and \$18,807 were reported as a payroll related liability for 2021 and 2020 respectively.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Net Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

The net pension liability reported as of December 31, 2021 was measured as of December 31, 2020, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability was based on the District's share of contributions to the pension plan relative to the projected contributions of all participating entities. Following is information related to the proportionate share and pension expense:

	2021	2020
	OPERS	OPERS
Proportion of the Net Pension Liability/Asset - Prior Year	0.0059790%	0.0055481%
Proportion of the Net Pension Liability/Asset - Current Year	0.0065050%	0.0059790%
Change in Proportionate Share	0.0005260%	0.0004309%
Proportionate Share of the Net Pension Liability	\$ 963,249	\$ 1,181,790
Pension Expense	\$ 128,865	\$ 264,409

At December 31, 2021 and 2020, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	2021	2020
	OPERS	OPERS
Deferred Outflows of Resources:		
Changes of assumptions	-	63,121
Changes in proportion	92,700	83,662
Contributions subsequent to the measurement date	127,292	128,267
Total	\$ 219,992	\$ 275,050
	OPERS	OPERS
Deferred Inflows of Resources:		
Differences between expected and actual economic experience	\$ 40,293	\$ 14,942
Differences between projected and actual investment earnings	375,446	235,741
Total	\$ 415,739	\$ 250,683

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Net Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions – Continued

\$127,292 reported as deferred outflows of resources related to pension resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in pension expense as follows:

Fiscal Year Ending December 31:	<u>OPERS</u>
2022	\$ (90,177)
2023	(28,611)
2024	(153,045)
2025	<u>(51,206)</u>
	<u>\$ (323,039)</u>

Actuarial Assumptions – OPERS

Actuarial valuations of an ongoing plan involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial-reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation. The total pension liability was determined by an actuarial valuation as of December 31, 2020, using the following actuarial assumptions and methods applied to all prior periods included in the measurement in accordance with the requirements of GASB 67.

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, prepared as of December 31, 2020, are presented below for the OPERS Traditional Plan.

Wage Inflation	3.25 %
Future Salary Increases	3.25 -10.75% including wage inflation at 3.25 %
COLA or Ad Hoc COLA:	
Pre-January 7, 2013 Retirees:	3 %, simple
Post-January 7, 2013 Retirees:	.5 %, simple through 2021 then 2.15 %, simple
Investment Rate of Return	7.20 %
Actuarial Cost Method	Individual Entry Age
Experience study	5 year period ended December 31, 2015

In October 2019, the OPERS Board adopted a change in COLA for Post-January 7, 2013 retirees, changing it from 3 percent simple through 2018 then 2.15 simple to .5 percent simple through 2021 then 2.15 percent simple.

Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables.

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Actuarial Assumptions – OPERS – Continued

The most recent experience study was completed for the five-year period ended December 31, 2015.

During 2020, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio, and the Defined Contribution portfolio. The Defined Benefit portfolio contains the investment assets for the Traditional Pension Plan, the defined benefit component of the Combined Plan and the annuitized accounts of the Member-Directed Plan. Within the Defined Benefit portfolio, contributions into the plans are all recorded at the same time, and benefit payments all occur on the first of the month. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Defined Benefit portfolio was 11.7 percent for 2020.

The allocation of investment assets with the Defined Benefit portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the defined benefit pension plans. The long-term expected rate of return on defined benefit investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. Best estimates of arithmetic real rates of return were provided by the Board’s investment consultant. For each major asset class that is included in the Defined Benefit portfolio’s target asset allocation as of December 31, 2020, these best estimates are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return (Arithmetic)
Fixed Income	25.00 %	1.32 %
Domestic Equities	21.00	5.64
Real Estate	10.00	5.39
Private Equity	12.00	10.42
International Equities	23.00	7.36
Other Investments	9.00	4.75
Total	100.00 %	5.43 %

Discount Rate

The discount rate used to measure the total pension liability was 7.2% for the Traditional Pension Plan and the Combined Plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension plan’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.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE G – DEFINED BENEFIT RETIREMENT PLAN (Continued)

Actuarial Assumptions – OPERS – Continued

Sensitivity of the District's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following table presents the District proportionate share of the net pension liability calculated using the current period discount rate assumption of 7.2 %, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower (6.2 %) or one-percentage-point higher (8.2 %) than the current rate:

	1% Decrease <u>(6.2%)</u>	Current Discount Rate <u>(7.2%)</u>	1% Increase <u>(8.2%)</u>
District's proportionate share of the net pension liability	\$1,837,402	\$963,249	\$236,392

Subsequent to December 31, 2020, the global economy was impacted by the COVID-19 pandemic and market volatility increased significantly. It is likely that 2021 investment market conditions and other economic factors will be negatively impacted; however, the overall impact on the OPERS investment portfolio and funding position is unknown at this time.

NOTE H – DEFINED BENEFIT OPEB PLANS

See Note H for a description of the net OPEB liability.

Ohio Public Employees Retirement System

Plan Description - The Ohio Public Employees Retirement System (OPERS) administers three separate pension plans: the traditional pension plan, a cost-sharing, multiple-employer defined benefit pension plan; the member-directed plan, a defined contribution plan; and the combined plan, a cost-sharing, multiple-employer defined benefit pension plan that has elements of both a defined benefit and defined contribution plan.

OPERS maintains a cost-sharing, multiple-employer defined benefit post-employment health care trust, which funds multiple health care plans including medical coverage, prescription drug coverage and deposits to a Health Reimbursement Arrangement to qualifying benefit recipients of both the traditional pension and the combined plans. This trust is also used to fund health care for member-directed plan participants, in the form of a Retiree Medical Account (RMA). At retirement or refund, member directed plan participants may be eligible for reimbursement of qualified medical expenses from their vested RMA balance.

In order to qualify for postemployment health care coverage, age and service retirees under the traditional pension and combined plans must have twenty or more years of qualifying Ohio service credit. Health care coverage for disability benefit recipients and qualified survivor benefit recipients is available. The health care coverage provided by OPERS meets the definition of an Other Post Employment Benefit (OPEB) as described in GASB Statement 75. See OPERS' AFCR referenced below for additional information.

The Ohio Revised Code permits but does not require OPERS to provide health care to its eligible benefit recipients. Authority to establish and amend health care coverage is provided to the Board in Chapter 145 of the Ohio Revised Code.

Disclosures for the health care plan are presented separately in the OPERS financial report. Interested parties may obtain a copy by visiting <https://www.opers.org/financial/reports.shtml>, by writing to OPERS, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling (614) 222-5601 or 800-222-7377.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE H – DEFINED BENEFIT OPEB PLANS (Continued)

Ohio Public Employees Retirement System – Continued

Funding Policy - The Ohio Revised Code provides the statutory authority requiring public employers to fund postemployment health care through their contributions to OPERS. When funding is approved by OPERS' Board of Trustees, a portion of each employer's contribution to OPERS is set aside to fund OPERS health care plans. Health care is not being funded.

Employer contribution rates are expressed as a percentage of the earnable salary of active members. In 2021, state and local employers contributed at a rate of 14.0 % of earnable salary and public safety and law enforcement employers contributed at 18.1 %. These are the maximum employer contribution rates permitted by the Ohio Revised Code. Active member contributions do not fund health care.

Each year, the OPERS Board determines the portion of the employer contribution rate that will be set aside to fund health care plans. The portion of employer contributions allocated to health care for members in the Traditional Pension Plan and Combined Plan was 0 % during calendar year 2021. As recommended by OPERS' actuary, the portion of employer contributions allocated to health care beginning January 1, 2021 is 0 % for both plans. The OPERS Board is also authorized to establish rules for the retiree or their surviving beneficiaries to pay a portion of the health care provided. Payment amounts vary depending on the number of covered dependents and the coverage selected. The employer contribution as a percentage of covered payroll deposited into the RMA for participants in the Member-Directed Plan for 2021 was 4.0 %. Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll. The District's contractually required contributions for health care for the fiscal years ended December 31, 2021, 2020 and 2019 were approximately \$0, \$0 and \$0, respectively.

Net Other Post Employment Benefit (OPEB) Liability/Asset, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB Liability/Asset

The net OPEB liability or asset and total OPEB liability for OPERS were determined by an actuarial valuation as of December 31, 2019, rolled forward to the measurement date of December 31, 2020, by incorporating the expected value of health care cost accruals, the actual health care payment, and interest accruals during the year. for the defined benefit health care plans. In accordance with GASB Statement No. 75 (GASB 75), Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, the Member-Directed Plan health care is a defined benefit health care plan, although the pension plan is defined contribution. Interest of 4% is credited to member accounts as long as the Health Care portfolio earns a positive return. The District's proportion of the net OPEB liability or asset was based on the District's share of contributions to the retirement plan relative to the contributions of all participating entities. Following is information related to the proportionate share and OPEB expense:

	2021	2020
	OPERS	OPERS
Proportion of the Net OPEB Liability/(Asset) - Prior Year	0.0055590%	0.0051850%
Proportion of the Net OPEB Liability/(Asset) - Current Year	0.0060580%	0.0055590%
Change in Proportionate Share	0.0004990%	0.0003740%
Proportionate Share of the		
Net OPEB Liability (Asset)	\$ (107,928)	\$ 767,842
OPEB Expense (Gain)	\$ (600,365)	\$ 115,437

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE H - DEFINED BENEFIT OPEB PLANS – (Continued)

Net Other Post Employment Benefit (OPEB) Liability/Asset, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB Liability/Asset – Continued

At December 31, 2021, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	2021	2020
	OPERS	OPERS
Deferred Outflows of Resources:		
Differences between expected and actual economic experience	.	\$ 21
Changes of assumptions	53,059	121,541
Changes in proportion	53,979	40,438
Total	\$ 107,038	\$ 162,000
	OPERS	OPERS
Deferred Inflows of Resources:		
Differences between expected and actual economic experience	\$ 97,404	\$ 70,223
Differences between projected and actual investment earnings	57,484	39,098
Changes of assumptions	174,876	-
Total	\$ 329,764	\$ 109,321

There were no deferred outflows of resources related to OPEB resulting from District contributions subsequent to the measurement date since none were made subsequent to the measurement date.

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

	<u>OPERS</u>
Fiscal Year Ending December 31:	
2022	\$ (106,822)
2023	(84,150)
2024	(24,979)
2025	(6,775)
	\$ (222,726)

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE H - DEFINED BENEFIT OPEB PLANS – (Continued)

Actuarial Assumptions - OPERS

Actuarial valuations of an ongoing plan involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future. Projections of benefits for financial reporting purposes are based on the substantive plan and include the types of coverage provided at the time of each valuation and the historical pattern of sharing of costs between OPERS and plan members. The total OPEB liability or asset was determined by an actuarial valuation as of December 31, 2019, rolled forward to the measurement date of December 31, 2020. The actuarial valuation used the following actuarial assumptions applied to all prior periods included in the measurement in accordance with the requirements of GASB 74:

Actuarial Cost Method	Individual Entry Age Normal
Single Discount Rate:	
Current measurement date	3.16 Percent
Prior measurement date	3.96 Percent
Investment Rate of Return	6.00 Percent
Municipal Bond Rate	
Current measurement date	2.75 Percent
Prior measurement date	3.71 Percent
Wage Inflation	3.25 Percent
Projected Salary Increases	3.25 Percent to 10.75 Percent (including wage inflation)
Health Care Cost Trend Rate	
Current measurement date	8.5 percent initial, 3.50 percent ultimate in 2035
Prior measurement date	10.00 percent, initial, 3.5 percent, ultimate in 2030

Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables. The most recent experience study was completed for the five year period ended December 31, 2015.

The long-term expected rate of return on health care investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
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NOTE H - DEFINED BENEFIT OPEB PLANS – (Continued)

Actuarial Assumptions – OPERS - Continued

During 2020, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio and the Defined Contribution portfolio. The Health Care portfolio includes the assets for health care expenses for the Traditional Pension Plan, Combined Plan and Member-Directed Plan eligible members. Within the Health Care portfolio, if any contribution are made into the plans, the contributions are assumed to be received continuously throughout the year based on the actual payroll payable at the time contributions are made. Health care-related payments are assumed to occur mid-year. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Health Care portfolio was 10.5 percent for 2020.

The allocation of investment assets within the Health Care portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable health care program for current and future retirees. OPERS' primary goal is to achieve and maintain a fully funded status for the benefits provided through the defined pension plans. Health care is a discretionary benefit. The long-term expected rate of return on health care investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. For each major asset class that is included in the Health Care's portfolio's target asset allocation as of December 31, 2020, these best estimates are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Weighted Average Long-Term Expected Real Rate of Return (Arithmetic)</u>
Fixed Income	34.00 %	1.07 %
Domestic Equities	25.00	5.64
Real Estate Investment Trust	7.00	6.48
International Equities	25.00	7.36
Other Investments	9.00	4.02
Total	100.00 %	4.43 %

Discount Rate A single discount rate of 6.00 percent was used to measure the OPEB liability or asset on the measurement date of December 31, 2020. A single discount rate of 3.16 percent was used to measure the OPEB liability or asset on the measurement date of December 31, 2019. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.00 percent and a municipal bond rate of 2.00 percent. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE H - DEFINED BENEFIT OPEB PLANS – (Continued)

Actuarial Assumptions – OPERS - Continued

health care costs through 2021. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2021, and the municipal bond rate was applied to all health care costs after that date.

Sensitivity of the District’s Proportionate Share of the Net OPEB Liability/Asset to Changes in the Discount Rate and Changes in the Health Care Cost Trend Rates

The following table presents the District’s proportionate share of the net OPEB liability or asset calculated using the single discount rate of 6.00 %, as well as what the District’s proportionate share of the net OPEB liability or asset would be if it were calculated using a discount rate that is one-percentage-point lower (5.00 %) or one-percentage-point higher (7.00 %) than the current rate:

	<u>1% Decrease</u>	<u>Current Discount Rate</u>	<u>1% Increase</u>
	(5.00%)	(6.00%)	7.00
District's proportionate share of the net OPEB liability/(asset)	(\$26,837)	(\$107,928)	(\$174,592)

Sensitivity of the District’s Proportionate Share of the Net OPEB Liability/Asset to Changes in the Health Care Cost Trend Rate

Changes in the health care cost trend rate may also have a significant impact on the net OPEB liability. The following table presents the net OPEB liability or asset calculated using the assumed trend rates, and the expected net OPEB liability or asset if it were calculated using a health care cost trend rate that is 1.0 % lower or 1.0 % higher than the current rate.

Retiree health care valuations use a health care cost-trend assumption that changes over several years built into the assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2021 is 8.50 percent. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for health care. A more reasonable alternative is that in the not-too-distant future, the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.50 percent in the most recent valuation.

	<u>1% Decrease</u>	<u>Cost Trend Rate Assumption</u>	<u>1% Increase</u>
District's proportionate share of the net OPEB liability/(asset)	(\$110,559)	(\$107,928)	(\$104,985)

Changes between Measurement Date and Reporting Date

On January 15, 2020, the Board approved several changes to the health care plan offered to Medicare and pre-Medicare retirees in efforts to decrease costs and increase the solvency of the health care plan. These changes are effective January 1, 2022 and include changes to base allowances and eligibility for Medicare retirees, as well as replacing OPERS-sponsored medical plans for pre-Medicare retirees with monthly allowances, similar to the program for Medicare retirees. These changes are not reflected in the current year financial statements but are expected to decrease the associated OPEB liability.

NOTE I – DEPOSITS WITH FINANCIAL INSTITUTIONS – LEGAL REQUIREMENTS

Active deposits are public deposits necessary to meet current demands. Such monies must be maintained either as cash in the treasury, in commercial accounts payable or withdrawable on demand, including negotiable order of withdrawal (NOW) accounts, or in money market deposit accounts.

Inactive deposits are public deposits that the Board of Trustees has identified as not required for use within the current five-year period of designation of depositories. Inactive deposits must either be evidenced by certificates of deposit maturing not later than the end of the current period of designation of depositories, or by savings or deposit accounts including, but not limited to, passbook accounts.

Interim deposits must be evidenced by time certificates of deposit maturing not more than one year from the date of deposit or by savings or deposit accounts, including passbook accounts.

Interim monies can be deposited or invested in the following securities:

1. United States Treasury bills, bonds, notes, or any other obligation or security issued by the United States Treasury, or any other obligation guaranteed as to principal and interest by the United States;
2. Bonds, notes, debentures, or other obligations or securities issued by any federal government agency or instrumentality, including, but not limited to, the Federal National Mortgage Association, Federal Home Loan Bank, Federal Farm Credit Bank, Federal Home Loan Mortgage Corporation, and Government National Mortgage Association. All federal agency securities shall be direct issuances of federal government agencies or instrumentalities;
3. Written repurchase agreements in the securities listed above, provided that the market value of the securities subject to the repurchase agreement must exceed the principal value of the agreement by at least two % and be marked to market daily, and the term of the agreement must not exceed thirty days;
4. Bonds and other obligations of the State of Ohio, and with certain limitations, bonds and other obligations of political subdivisions of the State of Ohio;
5. Time certificates of deposit or savings or deposit accounts including, but not limited to, passbook accounts;
6. No-load money market mutual funds consisting exclusively of obligations described in division (1) or (2) of this section, and repurchase agreements secured by such obligations, provided that investments in securities described in this division are made only through eligible institutions;
7. The State Treasurer's investment pool (STAROhio);
8. Certain bankers' acceptances and commercial paper notes for a period not to exceed one hundred eighty days in an amount not to exceed 40 % of the interim monies available for investment at any one time if training requirements have been met.

Investments in stripped principal or interest obligations, reverse repurchase agreements and derivatives are prohibited. The issuance of taxable notes for the purpose of arbitrage, the use of leverage and short selling are also prohibited. An investment purchased under section 135 of the Ohio Revised Code must mature within five years from the date of purchase unless matched to a specific obligation or debt of the District, and must be purchased with the expectation that it will be held to maturity. Investments purchased under section 6119 have no such maturity restrictions.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE I – DEPOSITS WITH FINANCIAL INSTITUTIONS – LEGAL REQUIREMENTS (Continued)

Investments may only be made through specified dealers and institutions. Payment for investments may be made only upon delivery of the securities representing the investments to the Treasurer, or, if the securities are not represented by a certificate, upon receipt of confirmation of transfer from the custodian.

Deposits – Custodial credit risk is the risk that in the event of bank failure, the District will not be able to recover deposits or collateral securities that are in the possession of an outside party. At December 31, 2021 and 2020, respectively, \$2,237,547 and \$2,773,923 of the District’s bank balances of \$3,651,124 and \$4,084,309 were exposed to custodial credit risk because those deposits were uninsured and collateralized. Although all statutory requirements for the deposit of money had been followed, noncompliance with Federal requirements could potentially subject the District to a successful claim by the Federal Deposit Insurance Corporation (FDIC).

The District has no deposit policy for custodial risk beyond the requirements of State statute. Ohio law requires that deposits either be insured or protected by:

Eligible securities pledged to the District and deposited with a qualified trustee by the financial institution as security for repayment whose market value at all times shall be at least 105 % of the deposits being secured; or participation in the Ohio Pooled Collateral System (OPCS), a collateral pool of eligible securities deposited with a qualified trustee and pledged to the Treasurer of State to secure the repayment of all public monies deposited in the financial institution. OPCS requires the total market value of the securities pledged to be 102 % of the deposits being secured or a rate set by the Treasurer of State.

Investments The District had the following investments at December 31, 2021:

Description	Fair Value	Investment Maturities			
		< 1 Year	1-2 Years	3-5 Years	>5 Years
UBS Fixed Income	\$ 535,968	\$ 436,404	\$ -	\$ 99,564	\$ -
UBS Municipal Bonds	531,003	50,788	70,916	264,345	144,954
Star Ohio	54,212	54,212	-	-	-
Raymond James Fixed Income	671,544	302,158	271,502	97,884	-
LPL Heartland ETF	1,265,755	1,265,755	-	-	-
Total Investments	\$ 3,058,482	\$ 2,109,317	\$ 342,418	\$ 461,793	\$ 144,954

The District had the following investments at December 31, 2020:

Description	Fair Value	Investment Maturities			
		< 1 Year	1-2 Years	3-5 Years	>5 Years
UBS Fixed Income	\$ 487,505	\$ 487,505	\$ -	\$ -	\$ -
UBS Municipal Bonds	522,621	67,968	110,435	269,969	74,249
Star Ohio	54,168	54,168	-	-	-
Raymond James Fixed Income	447,181	139,122	308,059	-	-
Federal Farm Credit Bank Bonds	400,020	-	400,020	-	-
LPL Heartland ETF	1,290,632	1,290,632	-	-	-
Total Investments	\$ 3,202,127	\$ 2,039,395	\$ 818,514	\$ 269,969	\$ 74,249

NOTE I – DEPOSITS WITH FINANCIAL INSTITUTIONS – LEGAL REQUIREMENTS (continued)

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. 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 above table identifies the District's recurring fair value measurements as of December 31, 2021. All investments of the District are valued using quoted market prices (Level 1 inputs).

Interest rate risk – Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The District has no investment policy specifically dealing with interest rate risk. The District manages its exposure to declines in fair values by limiting the weighted average maturity of its investment portfolio to five years or less.

Credit Risk – Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The District has no investment policy specifically dealing with credit risk. Investments in money market funds were rated AAAM by Standard & Poor's, investments in municipal bonds were rated AAA, AA+, AA, AA-, A+, and A by Standard & Poor's, investments in fixed income accounts were rated A by Standard & Poor's, investments in Federal Home Loan Mortgage Corporations Notes, Federal Home Loan Bank Bonds, Federal Farm Credit Bank Bonds, Federal National Mortgage Association Notes/Bonds, and US Treasury Notes were all rated Aaa by Moody's, investments in Heartland ETF's were rated A by MSCI ESG, and investments in STAR Ohio were rated AAAM by Standard & Poor's.

Concentration of credit risk – Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The District places no limit on the amount the District may invest in any one issuer. As of December 31, 2021, the District had invested 41% in exchange traded funds, 40% in fixed income funds, 17% in municipal bonds, and 2% in STAR Ohio. As of December 31, 2020, the District had 40% in exchange traded funds, 29% in fixed income funds, 16% in municipal bonds, 13% in Federal Farm Credit Bank bonds, and 2% in STAR Ohio.

Custodial credit risk is the risk that in the event of the failure of the counterparty, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The District has no investment policy specifically dealing with custodial credit risk. All of the District's securities are either insured and registered in the name of the District or at least registered in the name of the District.

NOTE J – RISK MANAGEMENT

The District is exposed to various risks of property and casualty losses, and injuries to employees.

The District insures against injuries to employees through the Ohio Bureau of Worker's Compensation.

The District is a member of the Public Entities Pool of Ohio (The Pool). The Pool assumes the risk of loss up to the limits of the District's policy. The Pool covers the following risks:

- General liability and casualty
- Public official's liability
- Cyber
- Law enforcement liability
- Automobile liability
- Vehicles
- Property
- Equipment breakdown

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE J – RISK MANAGEMENT (continued)

The Pool reported the following summary of assets and actuarially-measured liabilities available to pay those liabilities as of December 31:

	<u>2021</u>	<u>2020</u>
Cash and investments	40,318,971	40,318,971
Actuarial liabilities	14,111,510	14,111,510
Net Position	\$41,179,694	\$41,179,694

At December 31, 2020 and 2019, respectively, the liabilities above include approximately \$14.7 million and \$14.7 million of estimated incurred claims payable. The assets above also include approximately \$13.7 million and \$13.7 million of unpaid claims to be billed. The Pool’s membership increased from 553 members in 2019 to 553 members in 2020. These amounts will be included in future contributions from members when the related claims are due for payment.

Based on discussions with PEP, the expected rates PEP charges to compute member contributions, which are used to pay claims as they become due, are not expected to change significantly from those used to determine the historical contributions detailed below. By contract, the annual liability of each member is limited to the amount of financial contributions required to be made to PEP for each year of membership.

<u>Contributions to PEP</u>	
<u>2021</u>	<u>2020</u>
\$37,778	\$37,503

After one year of membership, a member may withdraw on the anniversary of the date of joining PEP, if the member notifies PEP in writing 60 days prior to the anniversary date. Upon withdrawal, members are eligible for a full or partial refund of their capital contributions, minus the subsequent year’s contribution. Withdrawing members have no other future obligation to PEP. Also, upon withdrawal, payments for all casualty claims and claim expenses become the sole responsibility of the withdrawing member, regardless of whether a claim occurred or was reported prior to the withdrawal.

NOTE K – COVID-19

The United States and the State of Ohio declared a state of emergency in March of 2020 due to the COVID-19 pandemic. The financial impact of COVID-19 and the continuing emergency measures may impact subsequent periods of the District. The investment portfolio of the District’s pension and OPEB plans will fluctuate with market conditions, and due to market volatility, the amount of gains or losses that will be realized in subsequent periods, if any, cannot be determined. In addition, the impact on the District’s future operating costs, revenues, and recovery from emergency funding (if any), either federal or state, cannot be estimated.

Jefferson Water and Sewer District
Notes to the Basic Financial Statements
For the Years Ended December 31, 2021 and 2020

NOTE L – INFORMATION BY SEGMENT

The District maintains two segments which provide water and sewer services. Information by segment for the years ended December 31, 2021 and 2020 is as follows:

<u>2021 SEGMENT</u>	<u>Water</u>	<u>Sewer</u>	<u>Total</u>
OPERATING REVENUES:			
Charges for services	\$ 2,540,268	\$ 3,265,649	\$ 5,805,917
Tap fees	938,653	1,529,658	2,468,311
Miscellaneous income	25,492	32,772	58,264
Total Operating Revenues	<u>3,504,413</u>	<u>4,828,079</u>	<u>8,332,492</u>
OPERATING EXPENSES:			
Plant operations	832,828	3,327,020	4,159,848
Salaries and payroll related expenses	346,127	444,964	791,091
General and administration expenses	208,320	267,805	476,125
Depreciation	722,243	490,839	1,213,082
Total Operating Expenses	<u>2,109,518</u>	<u>4,530,628</u>	<u>6,640,146</u>
Operating Income	1,394,895	297,451	1,692,346
NONOPERATING INCOME AND (EXPENSES):			
Loss on disposal of capital assets	-	-	-
Interest income	26,988	34,695	61,683
Intergovernmental	21,338	20,279	41,617
Other Miscellaneous	14,592	14,592	29,184
Loss on Investments	(33,019)	(42,449)	(75,468)
Interest expense	(201,207)	(168,212)	(369,419)
Total Nonoperating Income (Expenses)	<u>(171,308)</u>	<u>(141,095)</u>	<u>(312,403)</u>
Increase In Net Position before			
Capital Contributions	1,223,587	156,356	1,379,943
Capital Contributions - Developers	-	468,361	468,361
Increase In Net Position	<u>\$ 1,223,587</u>	<u>\$ 624,717</u>	<u>\$ 1,848,304</u>
<u>2020 SEGMENT</u>	<u>Water</u>	<u>Sewer</u>	<u>Total</u>
OPERATING REVENUES:			
Charges for services	\$ 2,431,421	\$ 3,157,341	\$ 5,588,762
Tap fees	1,241,659	2,029,647	3,271,306
Miscellaneous income	16,025	20,809	36,834
Total Operating Revenues	<u>3,689,105</u>	<u>5,207,797</u>	<u>8,896,902</u>
OPERATING EXPENSES:			
Plant operations	793,527	2,895,541	3,689,068
Salaries and payroll related expenses	702,102	911,721	1,613,823
General and administration expenses	196,472	255,131	451,603
Depreciation	697,381	473,943	1,171,324
Total Operating Expenses	<u>2,389,482</u>	<u>4,536,336</u>	<u>6,925,818</u>
Operating Income (Loss)	1,299,623	671,461	1,971,084
NONOPERATING INCOME AND (EXPENSES):			
Loss on disposal of capital assets	-	(1,795,263)	(1,795,263)
Interest income	33,259	43,189	76,448
Intergovernmental	24,783	23,552	48,335
Other Miscellaneous	14,592	14,592	29,184
Loss on Investments	43,449	56,422	99,871
Interest expense	(237,435)	(182,176)	(419,611)
Total Nonoperating Income (Expenses)	<u>(121,352)</u>	<u>(1,839,684)</u>	<u>(1,961,036)</u>
Increase (Decrease) In Net Position before			
Capital Contributions	1,178,271	(1,168,223)	10,048
Capital Contributions - Developers	-	2,137,803	2,137,803
Increase In Net Position	<u>\$ 1,178,271</u>	<u>\$ 969,580</u>	<u>\$ 2,147,851</u>

REQUIRED SUPPLEMENTARY INFORMATION

Jefferson Water and Sewer District
Required Supplementary Information
Schedule of the District's Proportionate Share of the Net Pension Liability
Ohio Public Employees Retirement System
Last Eight Years (1)

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Total plan pension liability	\$ 112,832,541,470	\$ 110,887,288,085	\$ 108,264,577,647	\$ 102,273,912,351	\$ 99,817,932,954	\$ 91,534,580,978	\$ 89,017,348,266	\$ 86,407,229,435
Plan net position	98,024,718,613	91,121,609,718	80,876,605,054	86,585,851,024	77,109,633,485	74,213,320,352	76,956,230,642	74,618,532,269
Net pension liability	\$ 14,807,822,857	\$ 19,765,678,367	\$ 27,387,972,593	\$ 15,688,061,327	\$ 22,708,299,469	\$ 17,321,260,626	\$ 12,061,117,624	\$ 11,788,697,166
District's proportion of the net pension liability	0.0065050%	0.0059790%	0.0055481%	0.0050500%	0.0049600%	0.0048610%	0.0047100%	0.0047100%
District's proportionate share of the net pension liability	\$ 963,249	\$ 1,181,790	\$ 1,519,512	\$ 792,247	\$ 1,126,332	\$ 841,986	\$ 568,079	\$ 555,248
District's covered payroll	\$ 916,193	\$ 845,521	\$ 752,114	\$ 688,900	\$ 666,142	\$ 617,425	\$ 577,408	\$ 595,946
District's proportionate share of the net pension liability as a percentage of its covered payroll	105.14%	139.77%	202.03%	115.00%	169.08%	136.37%	98.38%	93.17%
Plan fiduciary net position as a percentage of the total pension liability	86.88%	82.17%	74.70%	84.66%	77.25%	81.08%	86.45%	86.36%

(1) Information prior to 2013 is not available.
Amounts presented as of the District's measurement date which is the prior fiscal year.

Jefferson Water and Sewer District
Required Supplementary Information
Schedule of the District's Pension Contributions
Ohio Public Employees Retirement System
Last Ten Years

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>
Contractually required contribution	\$ 127,292	\$ 128,267	\$ 118,373	\$ 105,296	\$ 89,557	\$ 79,937	\$ 74,091	\$ 69,289	\$ 77,473	\$ 55,561
Contributions in relation to the contractually required contribution	<u>(127,292)</u>	<u>(128,267)</u>	<u>(118,373)</u>	<u>(105,296)</u>	<u>(89,557)</u>	<u>(79,937)</u>	<u>(74,091)</u>	<u>(69,289)</u>	<u>(77,473)</u>	<u>(55,561)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District's covered payroll	\$ 909,229	\$ 916,193	\$ 845,521	\$ 752,114	\$ 688,900	\$ 666,142	\$ 617,425	\$ 577,408	\$ 595,946	\$ 555,610
Contributions as a percentage of covered payroll	14.00%	14.00%	14.00%	14.00%	13.00%	12.00%	12.00%	12.00%	13.00%	10.00%

Jefferson Water and Sewer District
Required Supplementary Information
Schedule of the District's Proportionate Share of the Net OPEB Liability/(Asset)
Ohio Public Employees Retirement System
Last Five Years (1)

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>
Total plan OPEB liability	\$ 11,445,839,235	\$ 26,459,655,619	\$ 24,290,625,123	\$ 23,678,097,060	\$ 21,980,827,536
Plan net position	<u>13,227,419,100</u>	<u>12,647,057,751</u>	<u>11,252,985,702</u>	<u>12,818,833,665</u>	<u>11,880,487,863</u>
Net OPEB liability/(asset)	(1,781,579,865)	13,812,597,868	13,037,639,421	10,859,263,395	10,100,339,673
District's proportion of the net OPEB liability/(asset)	0.00605800%	0.00555900%	0.00518500%	0.00486000%	0.00482000%
District's proportionate share of the net OPEB liability/(asset)	\$ (107,928)	\$ 767,842	\$ 676,002	\$ 527,760	\$ 486,836
District's covered payroll	\$ 916,193	\$ 845,521	\$ 752,114	\$ 688,900	\$ 666,142
District's proportionate share of the net OPEB liability/(asset) as a percentage of its covered payroll	-11.78%	90.81%	89.88%	76.61%	73.08%
Plan fiduciary net position as a percentage of the total OPEB liability/(asset)	115.57%	47.80%	46.33%	54.14%	54.05%

(1) Information prior to 2016 is not available.
Amounts presented as of the District's measurement date which is the prior fiscal year.

Jefferson Water and Sewer District
Required Supplementary Information
Schedule of the District's OPEB Contributions
Ohio Public Employees Retirement System
Last Six Years (1)

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
Contractually required contribution	\$ -	\$ -	\$ -	\$ -	\$ 6,886	\$ 13,323
Contributions in relation to the contractually required contribution	-	-	-	-	(6,886)	(13,323)
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District covered payroll	\$ 909,229	\$ 916,193	\$ 845,521	\$ 752,114	\$ 688,900	\$ 666,142
Contributions as a percentage of covered payroll	0.00%	0.00%	0.00%	0.00%	1.00%	2.00%

(1) Information prior to 2016 is not available.

Jefferson Water and Sewer District
Notes to the Required Supplementary Information

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM (OPERS)

Net Pension Liability

Changes in benefit terms:

There were no changes in benefit terms for 2015 through 2017.

For 2018, COLAs provided up to December 31, 2018 will be based upon a simple, 3 percent COLA. COLAs provided after December 31, 2018 continue to be simple, but will be based upon the annual percentage change in the Consumer Price Index (CPI), and not greater than 3 percent.

There were no significant changes in benefit terms for 2019 or 2020.

For 2021, in October 2020, the OPERS Board adopted a change in COLA for Post-January 7, 2013 retirees, changing it from 1.4 percent simple through 2020 then 2.15 simple to .5 percent simple through 2021 then 2.15 percent simple.

Changes in assumptions:

There were no significant changes in assumptions for 2015 through 2018.

For 2018, the employer contribution rate allocated to pensions increased from 13.00 percent to 14.00 percent.

For 2019, the investment rate of return decreased from 7.5 percent to 7.2 percent.

There were no significant changes in assumptions for 2020 or 2021.

Net OPEB Liability

Changes in benefit terms:

There were no significant changes in benefit terms for 2018-2021.

Changes in assumptions

Changes in assumptions for 2018 were as follows:

- The single discount rate decreased from 4.23 percent to 3.85 percent.
- The employer contribution rate allocated to health care decreased from 1.00 percent to 0.00 percent.

For 2019, the following were the most significant changes of assumptions that affected the total OPEB liability since the prior measurement date:

- The single discount rate increased from 3.85 percent to 3.96 percent.
- The investment rate of return decreased from 6.5 percent to 6 percent.
- The municipal bond rate increased from 3.31 percent to 3.71 percent.
- The initial health care cost trend rate increased from 7.5 percent to 10 percent.

For 2020, the following were the most significant changes of assumptions that affected the total OPEB liability since the prior measurement date:

- The single discount rate decreased from 3.96 percent to 3.16 percent.
- The municipal bond rate decreased from 3.71 percent to 2.75 percent.

Jefferson Water and Sewer District
Notes to the Required Supplementary Information

Net OPEB Liability (Continued)

Changes in assumptions (Continued)

For 2021, the following were the most significant changes of assumptions that affected the total OPEB liability since the prior measurement date:

- The single discount rate increased from 3.16 percent to 6.00 percent.
- The municipal bond rate decreased from 2.75 percent to 2.00 percent.
- The initial health care cost trend rate decreased from 10.50 percent to 8.50 percent.

OHIO AUDITOR OF STATE KEITH FABER



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INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY GOVERNMENT AUDITING STANDARDS

Jefferson Water and Sewer District
Franklin County
6455 Taylor Road
Blacklick, Ohio 43004

To the Board of Trustees:

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the of the Jefferson Water and Sewer District, Franklin County, (the District) as of and for the years ended December 31, 2021 and 2020, and the related notes to the financial statements, which collectively comprise the District's basic financial statements and have issued our report thereon dated November 30, 2022, wherein we noted the District reported the financial impact of COVID-19 and how the continuing emergency measures will impact subsequent periods of the District.

Report on Internal Control Over Financial Reporting

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

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the District'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 District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the 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 District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Keith Faber
Auditor of State
Columbus, Ohio

November 30, 2022

OHIO AUDITOR OF STATE KEITH FABER



JEFFERSON WATER AND SEWER DISTRICT

FRANKLIN COUNTY

AUDITOR OF STATE OF OHIO CERTIFICATION

This is a true and correct copy of the report, which is required to be filed pursuant to Section 117.26, Revised Code, and which is filed in the Office of the Ohio Auditor of State in Columbus, Ohio.



Certified for Release 12/20/2022

88 East Broad Street, Columbus, Ohio 43215
Phone: 614-466-4514 or 800-282-0370

This report is a matter of public record and is available online at
www.ohioauditor.gov