

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**FINANCIAL STATEMENTS**  
May 31, 2022

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**INDEPENDENT AUDITOR'S REPORT**

To the City Council of the  
City of Marshall Water & Wastewater System

**Report on the Audit of the Financial Statements**

***Opinions***

We have audited the accompanying financial statements of the City of Marshall Water and Wastewater System, (the "Organization"), a component unit of the City of Marshall, Arkansas, as of and for the year ended May 31, 2022, and the related notes to the financial statements, which collectively comprise the Organization's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position, the statement of revenues, expenses and changes in net position, and cash flows of the Organization as of and for the year then ended May 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

***Basis for Opinions***

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Organization 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 opinions.

***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 Organization'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 opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards 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 generally accepted auditing standards 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 Organization'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 Organization'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 Schedule of Proportionate Share of Net Pension Liability and the Schedule of 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.

Management has omitted the Management's Discussion and Analysis and Budget to Actual Comparison required by accounting principles generally accepted in the United States of America to be presented to

supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who consider it to be an essential part of the financial reporting for placing the financial statements in an appropriate operational, economic or historical context. Our opinion on the financial statements is not affected by this missing information.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated December 21, 2022 on our consideration of the Organization's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Organization'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 Organization's internal control over financial reporting and compliance.

A handwritten signature in black ink that reads "Searcy & Associates LLC". The signature is written in a cursive, flowing style.

Searcy & Associates, LLC  
Monticello, Arkansas  
December 21, 2022

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**STATEMENT OF NET POSITION**

May 31, 2022

	<u>2022</u>
<u>Assets</u>	
<u>Current assets</u>	
Cash and cash equivalents	81,393
Accounts receivable (net)	135,120
Inventory	-
Total current assets	<u>216,513</u>
<u>Restricted cash and investments</u>	
Meter deposits	114,475
Debt reserve funds	470,940
Total restricted cash and investments	<u>585,415</u>
Fixed assets, net of accumulated depreciation	10,480,392
Deferred outflow of resources related to pension	26,502
Total assets	<u><u>\$ 11,308,822</u></u>
<u>Liabilities and Net Position</u>	
<u>Current liabilities</u>	
Accounts payable	\$ 56,946
Accrued interest	4,084
Accrued payroll liabilities	14,552
Due to city	4,620
Other accrued expenses	4,948
Current portion of bonds payable	47,877
Total current liabilities	<u>133,027</u>
<u>Long term liabilities</u>	
Bonds payable, net of current amount	1,793,473
Pension liability	58,441
Customer deposits	114,475
Total long term liabilities	<u>1,966,389</u>
Deferred inflow of resources related to pension	116,038
<u>Net position</u>	
Invested in capital assets, net of related debt	8,639,042
Restricted	470,940
Unrestricted	(16,614)
Total net position	<u>9,093,368</u>
Total liabilities and net position	<u><u>\$ 11,308,822</u></u>

The accompanying notes are an integral part of the financial statements.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION**  
For the Year Ended May 31, 2022

	Water	Sewer	Total
<u>Operating revenues</u>			
Sales	\$ 742,418	\$ 243,905	\$ 986,323
Penalties and late fees	26,780	-	26,780
Other operating revenue	28,155	-	28,155
Total operating revenue	797,353	243,905	1,041,258
<u>Operating expenses</u>			
Water purchases	391,814	-	391,814
Depreciation	231,149	69,784	300,933
Salaries, wages, and benefits	154,646	61,252	215,898
Payroll taxes	11,320	3,910	15,230
Repairs and maintenance	4,581	6,974	11,555
Utilities	11,235	30,376	41,611
Insurance	8,792	4,082	12,874
Travel expenses	14,655	867	15,522
License, permits, fees	12,468	10,758	23,226
Contract labor	1,100	-	1,100
Operating supplies	16,457	25,939	42,396
Office supplies	16,114	1,548	17,662
Professional fees	19,600	-	19,600
Communication	5,281	2,387	7,668
Other operating expenses	6,083	38	6,121
Total operating expenses	905,295	217,915	1,123,210
Income / (loss) from operations	(107,942)	25,990	(81,952)
<u>Other revenue / (expenses)</u>			
Interest income	118	-	118
Pension expense	72,010	(7,646)	64,364
Interest expense	(10,064)	(35,060)	(45,124)
Total other revenue / (expenses)	62,064	(42,706)	19,358
<u>Excess (deficit) of revenues over expenses</u>	(45,878)	(16,716)	(62,594)
<u>Other financing sources (uses)</u>			
Transfers in / (out)	43,380	(10,000)	33,380
<u>Change in net position</u>	(2,498)	(26,716)	(29,214)
<u>Net position, beginning of year</u>			9,256,594
<u>Prior period adjustment</u>			(134,012)
<u>Net position, end of year</u>			<u>\$ 9,093,368</u>

The accompanying notes are an integral part of the financial statements.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**STATEMENT OF CASH FLOWS**  
For the Year Ended May 31, 2022

	<u>2022</u>
<u>Cash flows from operating activities</u>	
Cash received from customers	\$ 1,052,470
Payments for salaries and benefits	(249,032)
Payments for operating and administrative expenses	(605,091)
Net cash provided by (used for) operating activities	<u>198,347</u>
<u>Cash flows from investing activities</u>	
Purchase of property, plant and equipment	(157,631)
Proceeds from disposal of property, plant and equipment	-
Transfers in (out)	33,380
Interest income	118
Net cash provided by (used for) investing activities	<u>(124,133)</u>
<u>Cash flows from financing activities</u>	
Proceeds from grant revenue	-
Principal payments on debt	(49,949)
Interest payments	(45,124)
Change in customer deposits	11,750
Net cash provided by (used for) financing activities	<u>(83,323)</u>
<u>Change in cash and cash equivalents</u>	(9,109)
<u>Cash and cash equivalents, beginning of year</u>	<u>675,917</u>
<u>Cash and cash equivalents, end of year</u>	<u>\$ 666,808</u>
<u>Cash and cash equivalents</u>	\$ 81,393
<u>Restricted cash and cash equivalents</u>	585,415
	<u>\$ 666,808</u>

The accompanying notes are an integral part of the financial statements.



**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**STATEMENT OF CASH FLOWS (Continued)**  
For the Year Ended May 31, 2022

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	<u>2022</u>
<u>Reconciliation of operating income to</u>	
<u>net cash from operating activities:</u>	
Operating income (loss)	<u>\$ (81,952)</u>
Adjustments to reconcile operating income to	
net cash from operating activities:	
Depreciation	300,933
Changes in pension liability, deferred inflows & outflows	(23,690)
Changes in assets and liabilities:	
Accounts receivable	11,212
Accounts payable	20,444
Accrued interest	(937)
Accrued payroll liabilities	5,786
Due to city	<u>(33,449)</u>
Total adjustments	<u>280,299</u>
Net cash provided by (used for) operating activities	<u><u>\$ 198,347</u></u>

The accompanying notes are an integral part of the financial statements.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM  
NOTES TO THE FINANCIAL STATEMENTS**

May 31, 2022

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**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**A. Financial Reporting Entity**

The Water and Sewer System (the “Organization”) is a component unit of the City of Marshall, Arkansas. The Organization is governed by the City Council. The Organization provides water and sewer services to the City of Marshall and certain surrounding areas. The City Council approves the rate changes of the Organization’s services. The debt of the Organization is maintained in the name of the City of Marshall.

**B. Fund Type**

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

**C. Basis of Accounting**

The financial statements are presented using the economic resources measurement focus and the accrual basis of accounting. Revenues are recognized when earned and expenses are recognized when incurred, regardless of the timing of the related cash flows.

Operating revenues and expenses are distinguished from other revenue (expense) items. Operating revenues and expenses generally result from providing services in connection with the principal ongoing operations of the Organization. All revenues and expenses not meeting this definition are reported as other revenues (expenses) but remain a major component of the overall revenues and expenses of the Organization.

In accordance with Governmental Accounting Standards Board (GASB) Statement Number 62, the Organization applies accounting standards in accordance with the Codification of Governmental Accounting and Financial Reporting Standards which incorporates applicable Financial Accounting Standards Board (FASB) and American Institute of Certified Public Accountants (AICPA) Pronouncements issued on or before November 30, 1989.

**D. Use of Estimate**

Management used estimates and assumptions in preparing these financial statements. Those estimates and assumptions affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**  
May 31, 2022

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**NOTE 1 (continued)**

**E. Assets, Liabilities, and Net Position**

Cash and Cash Equivalents

The Organization considers all highly liquid investments with an original maturity of three months or less when purchased to be cash and cash equivalents. For the purpose of financial reporting, all demand accounts, savings accounts, cash on hand, certificates of deposits, and money market accounts are considered to be cash and cash equivalents.

Accounts Receivable

Accounts receivable relate to water and sewer service billings and are shown net of an allowance for doubtful accounts. The allowance is based upon historical losses and a review of the past-due accounts. Credit extended to customers is generally uncollateralized. Accounts are due ten days after the billing date. Past-due accounts are charged a late fee penalty. Customers are required to make a deposit, and deposits can be offset against the receivable.

Fixed Assets

Fixed assets are recorded at cost, including interest incurred during the construction period. Contributed property is recorded at fair value at the date of contribution. Depreciation is recorded on each class of depreciable property utilizing the straight-line method over the estimated useful lives of the assets. The ranges of estimated useful lives are as follows:

Water System	20-40 years
Sewer System	20-40 years
Buildings & Improvements	20-25 years
Vehicles & Equipment	5-10 years

The Organization's capitalization policy states that capital assets are defined as assets with an estimated useful life of greater than one year and over \$5,000.

Compensated Absences

The Organization's policies permit most employees to accumulate vacation and sick leave benefits that may be realized as paid time off. Vacation and sick leave benefits are recognized as an expense when incurred. Any portion of the incurred benefit not paid at the end of the accounting period is recorded as a liability in the financial statements. Accrued compensated absences as of May 31, 2022 were \$14,552

Deferred Outflow / Inflow of Resources

In addition to assets, the statement of financial position reports a separate section for deferred outflows of resources. Deferred outflows of resources represent a consumption of net position that applies to a future period(s) and will not be recognized as an outflow of resources(expense) until then. The Organization has qualifying items for reporting in this category. Deferred outflows of resources include those related to pension changes for the Organization.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM  
NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

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**NOTE 1 (continued)**

In addition to liabilities, the statement of financial position reports a separate section for deferred inflows of resources. Deferred inflows of resources represent an increase to net position that applies to a future period and is recognized as an inflow of resources (revenue) until that time. The Organization has qualifying items for reporting in this category. Deferred inflows of resources include those related to pension changes for the Organization.

Pension

The Organization maintains one cost-sharing, multiple employer, defined benefit retirement plan. The plan is sponsored by the Arkansas Public Employee Retirement System.

For purposes of measuring the net pension asset or liability, deferred outflow of resources and deferred inflow of resources related to pension, and pension expense have been determined on the same basis as they are reported by the actuary. For this purpose, benefits (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms of the plan. Expenses of the plans, such as investment fees, trustee fees, and audit fees, are paid by the plan. However, certain administrative functions are performed by employees of the Organization and are not reimbursed by the plan.

Net Position Classifications

- Invested in capital assets, net of related debt – consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.
- Restricted net position – Consists of net assets with constraints placed on their use either by external groups such as creditors, grantors, contributors, or laws and regulations of other governments.
- Unrestricted net position – All other net assets that do not meet the definition of “invested in capital assets, net of related debt” or “restricted.”

**F. Date of Management’s Review**

The Organization evaluated its May 31, 2022 financial statements for subsequent events through December 21, 2022, the date the financial statements were available to be issued. The Organization is not aware of any subsequent events which would require recognition or disclosure in the financial statements.

**NOTE 2 – CERTIFICATES OF DEPOSIT AND INVESTMENTS**

Arkansas Code Annotated 19-1-501 outlines the eligible investments allowed by a municipality along with Certificates of Deposits when secured in compliance with Arkansas Code 19-8-202. Deposits in excess of Federal Deposit Insurance (FDIC) are required to be secured by qualified pledged securities allowed by the Code to mitigate custodial credit risk. Custodial credit risk is the risk that in the event of a bank failure a government’s deposits may not be returned to it.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**  
May 31, 2022

**NOTE 2 (continued)**

The schedule below is designed to disclose the level of custodial credit risk assumed by the Organization based upon how its deposits were insured or secured by pledged securities, or unsecured at May 31, 2022.

Category 1 – Insured FDIC or secured with securities held by the Organization (or public trust) or by its agent in its name.

Category 2 – Uninsured but collateralized with securities held by the pledging financial institutions' trust Organization in the Organization's name.

Category 3 – Unsecured and uncollateralized, or collateralized with securities held by the pledging institution, or by its trust Organization or agent in the Organization's name, or collateralized with no written or approved collateralized agreement.

The level of security for the Organization's bank deposits are as follows:

Depository	Total	Category 1	Category 2	Category 3
Bank A	\$ 705,221	\$ 250,000	\$ 455,221	\$ -

The amounts shown are bank ledger balances of the referenced bank's deposits and may differ from the Organization's general ledger balances.

The Organization has certain amounts of its cash accounts restricted at May 31, 2022 as follows:

	2022
Meter deposits	\$ 114,475
Debt reserve requirements	470,940
Total restricted cash	<u>\$ 585,415</u>

The debt reserve cash requirements consist of reserves for the use of annual debt service payments for the Organization's indebtedness and for replacement or repairs of certain equipment securing the bonded indebtedness during the term of the debt.

The annual debt service payments are restricted from long term debt issued by the United States Department of Agriculture ("USDA"). The USDA requires a reserve to be maintained equal to one year of annual debt service payments that is to be accumulated over a 10-year period for each debt issuance. The total reserved for debt service payments is \$73,659.

The Organization established a "short lived asset" or "depreciation" reserves in 2016 that requires a \$2 reserve for each customer per month. The purpose is to satisfy all long-term debt reserve requirements since this amount should accumulate over and above the stated required reserves. The total accumulated for these purposes is \$397,281 and can be used for significant repairs to the system or replacement of certain equipment.

Customers' meter deposits are restricted for the use of refunding a departing customers' refund upon leaving the Organization or for off-setting any amounts owed by the customer upon departure.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

**NOTE 3 – INTERFUND TRANSFERS**

The Organization contributed \$10,000 for the purchase of equipment for the Street Department for the year ended May 31, 2022. The City contributed \$43,380 of American Rescue Plan Act funds for the construction of the water line rehab project.

**NOTE 4 – CHANGES IN FIXED ASSETS**

	Balance May 31, 2021	Transfers	Additions	Disposals	Balance May 31, 2022
Land	267,547	-	-	-	267,547
Buildings & office equipment	17,952	-	-	-	17,952
Machinery & equipment	418,798	-	32,361	-	451,159
Vehicles	37,063	-	-	-	37,063
Water system	9,728,864	-	-	-	9,728,864
Sewer system	3,739,747	-	-	-	3,739,747
Contruction in progress	-	-	125,269	-	125,269
	14,209,971	-	157,630	-	14,367,601
Accumulated depreciation	(3,586,276)	-	(300,933)	-	(3,887,209)
	<u>\$ 10,623,695</u>	<u>\$ -</u>	<u>\$ (143,303)</u>	<u>\$ -</u>	<u>\$ 10,480,392</u>

**NOTE 5 – LONG-TERM DEBT**

Series 2008 Water and Sewer Revenue Bonds

In 2008, the Organization issued \$1,738,000 in Water & Sewer Revenue bonds in order to finance the construction of sewer facilities. The United States Department of Agriculture ("USDA") simultaneously purchased the bond and issued a 40-year note. The interest rate on the note payable is 2.50%. The proceeds of were used to pay bond issuance costs, engineering fees, and construction costs. System revenues and assets are pledged to the note payable. The Organization is required to establish rates sufficient to pay the expenses and operation and maintenance of the water system, making monthly deposits into a debt service account of \$582 a month until a total of \$69,876 has accumulated for repayment obligations. The Organization was in compliance with all debt covenants for the year ended May 31, 2022.

Series 2012 Water and Sewer Revenue Bonds

In 2012, the Organization issued \$104,287 in Water & Sewer Revenue bonds in order to finance the repairs to the water & sewer system. The Arkansas Natural Resource Commission ("ANRC") simultaneously purchased the bond and issued a 20-year note. The interest rate on the note payable is 5.0%. The proceeds of were used to pay bond issuance costs, loan servicing fee to ANRC, engineering fees, and construction costs. System revenues and assets are pledged to the note payable. The Organization is required to establish rates sufficient to pay the expenses and operation and maintenance of the water system.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM  
NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

**NOTE 5 (continued)**

Series 2017 Water and Sewer Revenue Bonds

In 2017, the Organization issued \$412,000 in Water & Sewer Revenue bonds in order to finance the construction for the East Searcy County Water Extension Project. The United States Department of Agriculture ("USDA") simultaneously purchased the bond and issued a 40-year note. The interest rate on the note payable is 2.50%. The proceeds of were used to pay bond issuance costs, engineering fees, and construction costs. System revenues and assets are pledged to the note payable. The Organization is required to establish rates sufficient to pay the expenses and operation and maintenance of the water system, making monthly deposits into a debt service account of \$140 a month until a total of \$16,812 has accumulated for repayment obligations, and monthly deposits into a short-lived asset account of \$2,084 a month until a total of \$365,000 has accumulated for expected future costs of repairs and replacement of equipment. The Organization was in compliance with all debt covenants for the year ended May 31, 2022.

The following is a summary of changes in long term debt:

	Balance May 31, 2021	Increases	Decreases	Balance May 31, 2022	Amounts Due Within One Year
2008 Water & Sewer Revenue Bond	\$ 1,418,123	\$ -	\$ (37,702)	\$ 1,380,421	\$ 35,773
2012 ANRC Note Payable	69,513	-	(4,892)	64,621	5,136
2017 Water & Sewer Revenue Bond	403,664	-	(7,356)	396,308	6,968
	<u>\$ 1,891,300</u>	<u>\$ -</u>	<u>\$ (49,950)</u>	<u>\$ 1,841,350</u>	<u>\$ 47,877</u>

Pri

ncipal and interest maturities of the Organization's bond is as follows:

Year Ending May 31,	Principal	Interest	Total
2023	\$ 47,877	\$ 47,179	\$ 95,056
2024	49,215	45,841	95,056
2025	50,593	44,463	95,056
2026	52,012	43,044	95,056
2027	53,475	41,581	95,056
2028-2032	290,921	184,368	475,289
2033-2037	288,558	144,882	433,440
2038-2042	326,937	106,503	433,440
2043-2047	370,420	63,020	433,440
2048-2052	222,386	20,209	242,595
Thereafter	88,956	6,663	95,619
	<u>\$ 1,841,350</u>	<u>\$ 747,753</u>	<u>\$ 2,589,103</u>

**NOTE 6 – PENSION**

Plan Description

The following brief description of the Arkansas Public Employees Retirement System (APERS or the System) is provided for general information purposes only. Participants should refer to Arkansas Code Annotated, Title 24 for more complete information.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM  
NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

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**NOTE 6 (continued)**

APERS is a cost-sharing, multiple-employer, defined benefit plan which covers all State employees who are not covered by another authorized plan. The plan was established by the authority of the Arkansas General Assembly with the passage of Act 177 of 1957. The costs of administering the plan are paid out of investment earnings.

The general administration and responsibility for the proper operation of the System is vested in the nine members of the Board of Trustees of the Arkansas Public Employees Retirement System (the Board). Membership includes three state and three non-state employees, all appointed by the Governor, and three ex-officio trustees, including the Auditor of the State, the Treasurer of the State and the Director of the Organization of Finance and Administration.

Benefits Provided

Benefit provisions are set forth in Arkansas Code Annotated, Title 24, Chapters 5 and 6 and may only be amended by the Arkansas General Assembly. APERS provides retirement, disability and death benefits. Retirement benefits are determined as a percentage of the member's highest 3-year average compensation times the member's years of service. The percentage used is based upon whether a member is contributory or non-contributory as follows:

Contributory, prior to 7/1/2005	2.07%
Contributory, on or after 7/1/2005, but prior to 7/1/2007	2.03%
Contributory on or after 7/1/2007	2.00%
Non-Contributory	1.72%

Members are eligible to retire with a full benefit under the following conditions:

- at age 65 with 5 years of service,
- at any age with 28 years actual service,
- at age 60 with 20 years of actual service if under the old contributory plan (prior to July 1, 2005), or
- at age 55 with 35 years of credited service for elected or public safety officials.

Members may retire with a reduced benefit at age 55 with at least 5 years of actual service or at any age with 25 years of service.

Members are eligible for disability benefits with 5 years of service. Disability benefits are computed as an age and service benefit, based on service and pay at disability. Death benefits are paid to a surviving spouse as if the member had 5 years of service and the monthly benefit is computed as if the member had retired and elected the Joint & 75% Survivor option. A cost-of-living adjustment of 3% of the current benefit is added each year.

Contributions

Contribution requirements are set forth in Arkansas Code Annotated, Title 24, Chapter 4. The contributions are expected to be sufficient to finance the costs of benefits earned by members during the year and make a level payment that, if paid annually over a reasonable period of future years, will fully cover the unfunded costs of benefit commitments for services previously rendered (A.C.A. 24-2-701(a)). Members who began service prior to July 1, 2005 are not required to make contributions to APERS. Members who began service on or after July 1, 2005 are required to contribute 5% of their salary. Employers are required to contribute at



**CITY OF MARSHALL WATER & WASTEWATER SYSTEM  
NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

**NOTE 6 (continued)**

a rate established by the Board of Trustees of APERS based on an actuary's determination of a rate required to fund the plan (A.C.A. 24-2-701(c)(3)). Employers contributed 15.32% of compensation for the fiscal year ended June 30, 2021. In some cases, an additional 2.5% of member and employer contributions are required for elected officials.

**APERS Fiduciary Net Position**

Detailed information about APERS's fiduciary net position is available in the separately issued APERS Financial Report available at <http://www.apers.org/annualreports>.

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

The collective Net Pension Liability of \$768,832,303 was measured as of June 30, 2021, and the total pension liability used to calculate the Net Pension Liability was determined by an actuarial valuation as of that date. Each employer's proportion of the Net Pension Liability was based on the employer's share of contributions to the pension plan relative to the total contributions of all participating employers.

Deferred outflows of resources and deferred inflows of resources related to pensions for your employer are as follows:

	Deferred Outflow of Resources	Deferred Inflow of Resources
Differences between expected and actual experience	\$ 2,267	\$ (6,353)
Changes in proportion and differences between employer contributions and proportionate share of contribution	8,094	(15,758)
Changes of assumptions	-	(694)
Contributions subsequent to measurement date	44,498	-
Net difference between projected and actual earnings on pension plan investments	-	(173,870)
Total for City	54,859	(196,675)
Water & Wastewater pro-rata allocation	60%	60%
Total for Water & Wastewater	<u>\$ 32,915</u>	<u>\$ (118,005)</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in your financial statements as follows:

	2023	2024	2025	2026	2027	Thereafter
Total for City	\$(44,287)	\$(45,105)	\$(44,158)	\$(52,764)	\$ -	\$ -
Water & Wastewater pro-rata allocation	60%	60%	60%	60%	60%	60%
Total for Water & Wastewater	<u>\$(26,572)</u>	<u>\$(27,063)</u>	<u>\$(26,495)</u>	<u>\$(31,658)</u>	<u>\$ -</u>	<u>\$ -</u>

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**  
May 31, 2022

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**NOTE 6 (continued)**

Actuarial Assumptions

The total pension liability in the June 30, 2021 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level of Percent of Payroll, Closed (Level Dollar, Closed for District Judges New Plan and Paid Off Old Plan and District Judges Still Paying Old Plan)
Remaining Amortization Period	26 years (7.6 years for District Judges New Plan/Paid Off Old Plan and 16 years for District Judges Still Paying Old Plan)
Asset Valuation Method	4-year smoothed market; 25% corridor (Market Value for Still Paying Old Plan)
Investment Rate of Return	7.15%
Inflation	3.25% wage inflation, 2.50% price inflation
Salary Increases	3.25 – 9.85% including inflation (3.25% - 6.96% including inflation for District Judges)
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition
Mortality Table	Based on RP-2006 Healthy Annuitant benefit weighted generational mortality tables for males and females. Mortality rates are multiplied by 135% for males and 125% for females and are adjusted for fully generational mortality improvements using Scale MP-2017.
Average Service Life of All Members	3.9676

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the System's target asset allocation as of June 30, 2021 are summarized in the table below:

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**

May 31, 2022

**NOTE 6 (continued)**

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Broad Domestic Equity	37%	6.22%
International Equity	24%	6.69%
Real Assets	16%	4.81%
Absolute Return	5%	3.05%
Domestic Fixed	18%	0.57%
Total	100%	
Total Real Rate of Return		4.93%
Plus: Price Inflation- Actuary Assumption		2.50%
Net Expected Return		7.43%

Discount Rate

A single discount rate of 7.15% was used to measure the total pension liability. This single discount rate was based on the expected rate of return on pension plan investments of 7.15%. The projection of cash flows used to determine this single discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these 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.

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

The following presents the proportionate share of the Net Pension Liability using the discount rate of 7.15%, as well as what the Net Pension Liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.15%) or 1-percentage-point higher (8.15%) than the current rate:

	Sensitivity of Discount Rate		
	1% Lower 6.15%	Discount Rate 7.15%	1% Higher 8.15%
Total for City	\$ 296,304	\$ 99,052	\$(63,850)
Water & Wastewater pro-rata allocation	60%	60%	60%
Total for Water & Wastewater	\$ 177,782	\$ 59,431	\$(38,310)

**NOTE 7 – RISK MANAGEMENT**

The Organization is exposed to various risks of loss related to theft of, damage to, and destruction of assets, errors and omissions, and natural disasters. These risks are covered by commercial insurance purchased from independent third parties. Settled claims have not exceeded this commercial coverage in any of the three preceding years.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**NOTES TO THE FINANCIAL STATEMENTS (continued)**  
May 31, 2022

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**NOTE 8 – DEPARTURE FROM GENERALLY ACCEPTED ACCOUNTING PROCEDURES**

Management has elected to omit the Budget to Actual Comparison and the Management Discussion and Analysis of the Organization from the financial statements which are required by GAAP.

**NOTE 9 – CHANGE IN ACCOUNTING POLICY / PRIOR PERIOD ADJUSTMENT**

The Organization changed the accounting policy for recording of “inventory”. Management believes that parts and supplies used in general operations of servicing water and sewer does not constitute as inventory. The value of these items typically decrease in value once purchased thus making it difficult to accurately value the parts and supplies on hand. The approximate and value year over year is not expected to see significant fluctuations and items are purchased as needed thus expensing as incurred would not yield a significant difference as capitalizing.

As a result of the accounting policy change, the prior year inventory and unrestricted net position balances were overstated by \$134,012, respectively.

## **REQUIRED SUPPLEMENTARY INFORMATION**

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**SCHEDULE OF PROPORTIONATE SHARE OF THE NET PENSION LIABILITY**  
For the Years Ended May 31, 2022 through 2016

	2022	2021	2020	2019	2018	2017	2016 *
Proportion of the net pension liability	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%
Proportionate share of the net pension liability	\$ 58,441	\$ 219,230	\$ 200,914	\$ 165,851	\$ 208,321	\$ 192,306	\$ 153,550
Covered - employee payroll	\$ 195,000	\$ 163,728	\$ 179,540	\$ 153,471	\$ 147,223	\$ 145,819	\$ 146,825
Proportionate share of the net pension liability as percentage of covered - employee payroll	29.97%	133.90%	111.91%	108.07%	141.50%	131.88%	104.58%
Plan's fiduciary net position as a percentage of the total pension liability	93.57%	75.38%	78.55%	79.59%	75.65%	75.50%	80.39%

\* Fiscal Year 2016 was the first year of implementation, and is based on actuarial valuation as of June 30, 2015, therefore only seven years are shown.

See independent auditor's report.

**CITY OF MARSHALL WATER & WASTEWATER SYSTEM**  
**SCHEDULE OF CONTRIBUTIONS**  
For the Years Ended May 31, 2022 through 2016

	2022	2021	2020	2019	2018	2017	2016 *
Contractually required contribution	\$ 23,254	\$ 22,885	\$ 24,415	\$ 20,772	\$ 21,068	\$ 21,127	\$ 21,834
Contributions in relation to the contractually required contribution	\$ (23,254)	\$ (22,885)	\$ (24,415)	\$ (20,772)	\$ (21,068)	\$ (21,127)	\$ (21,834)
Contribution deficiency (excess)							
Department's covered - employee payroll	\$ 195,000	\$ 163,728	\$ 179,540	\$ 153,471	\$ 147,223	\$ 145,819	\$ 146,825
Contributions as a percentage of covered - employee payroll	11.92%	13.98%	13.60%	13.53%	14.31%	14.49%	14.87%

\* Fiscal Year 2016 was the first year of implementation, therefore only seven years are shown. Information in this schedule has been determined as of the most recent fiscal year-end.

See independent auditor's report.

**SEARCY & ASSOCIATES, LLC**  
CERTIFIED PUBLIC ACCOUNTANTS

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

To the City Council of the  
City of Marshall Water & Wastewater System

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of City of Marshall Water & Wastewater System, (the "Organization"), a component unit of the City of Marshall, Arkansas, which comprise the statement of net position, statement of revenues, expenses, and changes in net position, and statement of cash flows as of and for the year ended May 31, 2022, and the related notes to the financial statements, which collectively comprise the Organization's basic financial statements, and have issued our report thereon dated December 21, 2022.

**Report on Internal Control over Financial Reporting**

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

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

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 Organization'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 entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in black ink that reads "Searcy & Associates LLC". The signature is written in a cursive, flowing style.

Searcy & Associates, LLC  
Monticello, Arkansas  
December 21, 2022