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#### FINANCIAL REPORT

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

Tupelo, Mississippi

June 30, 2020

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# CONTENTS

	<b>PAGE</b>
Independent Auditors' Report	3
Basic Financial Statements:	
Statement of Net Position	7
Statement of Activities	
Balance Sheet – Governmental Funds	
Reconciliation of Governmental Fund Balance to Net Position	
Statement of Revenues, Expenditures and Changes in Fund Balance – Governmental Funds Reconciliation of Statement of Revenues, Expenditures and Changes	11
in Fund Balance to Statement of Activities	12
Budgetary Comparison Statement	
Notes to Financial Statements	
	1.
Supporting Schedules:	
Schedule of Surety Bonds – Schedule 1	29
Cash Basis Schedule of Per Diem and Travel Paid to	
Board Members - Schedule 2	30
Schedule of Changes in Land and Other Project Costs – Schedule 3	
Schedule of Tax Revenue from Member Counties – Schedule 4	
Status of Funds for Projects of a Local Nature – Schedule 5	
Schedule of Required Supplementary Information – Pensions– Schedule 6	
Schedule of Required Supplementary Information – OPEB – Schedule 7	35
Notes to Required Supplementary Information	
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	39
	2)



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#### INDEPENDENT AUDITORS' REPORT

Board of Directors Tombigbee River Valley Water Management District Tupelo, Mississippi

#### Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities of Tombigbee River Valley Water Management District, a component unit of the State of Mississippi, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Tombigbee River Valley Water Management District's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

#### Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Tombigbee River Valley Water Management District as of June 30, 2020, and the changes in its financial position and the budgetary comparison for the General Fund for the year then ended in conformity with accounting principles generally accepted in the United States of America.

#### Other Matters

Required Supplementary Information

Management has omitted management's discussion and analysis that accounting principles generally accepted in the United States of America require 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 considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

Accounting principles generally accepted in the United States of America require that the schedules of required supplementary information included in Schedules 6 and 7 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, 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 the audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise Tombigbee River Valley Water Management District's basic financial statements. The supporting schedules 1 through 5 are presented for purposes of additional analysis and are not a required part of the basic financial statements of Tombigbee River Valley Water Management District.

The supporting schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards

generally accepted in the United States of America. In our opinion, the supporting schedules are fairly stated in all material respects in relation to the basic financial statements as a whole.

#### Other Reporting Required by Government Auditing Standards

Nail Mc Kinney Professional Association

In accordance with *Government Auditing Standards*, we have also issued our report dated September 16, 2020, on our consideration of Tombigbee River Valley Water Management District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is 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 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.

Amory, Mississippi September 16, 2020 BASIC FINANCIAL STATEMENTS

# STATEMENT OF NET POSITION

# June 30, 2020

ASSETS		
Cash	\$	3,058,513
Investments		7,000,000
Accounts receivable		48,003
Taxes receivable, member counties		53,652
Capital assets, net of accumulated depreciation	_	2,040,295
Total assets	_	12,200,463
DEFERRED OUTFLOWS OF RESOURCES		
Collective deferred outflows of resources related to other postemployment benefits		19,273
Collective deferred outflows of resources related to pensions		294,504
Total deferred outflows of resources		313,777
LIABILITIES		
Accounts payable		194,322
Accrued compensated absences		75,843
Other post-employment benefit liability		102,057
Pension liability		1,935,997
Total liabilities	-	2,308,219
DEFERRED INFLOWS OF RESOURCES		
Collective deferred inflows of resources related to other postemployment benefit		14,810
Collective deferred inflows of resources related to pensions	1200	23,265
Total deferred inflows of resources	-	38,075
NET POSITION		
Invested in capital assets		2,040,295
Unrestricted	_	8,127,651
Total net position	\$	10,167,946

The accompanying notes are an integral part of this financial statement.

#### STATEMENT OF ACTIVITIES

EXPENSES AND LOSSES	
Personal service:	
Salaries, wages, and fringe benefits	\$ 1,082,740
Travel and subsistence	34,113
Contractual services	106,091
Commodities	109,601
Project costs and other outlays	403,680
Depreciation	189,678
Total expenses	1,925,903
REVENUES AND GAINS	
Tax revenue, member counties	1,666,135
Interest income	227,480
Gain on sale of capital assets	4,162
Reimbursements:	
Federal	.*
Nonfederal	26,681
Total revenues	1,924,458
Change in net position	(1,445)
Net position, beginning	10,169,391_
Net position, ending	\$ 10,167,946

The accompanying notes are an integral part of this financial statement.

#### **BALANCE SHEET - GOVERNMENTAL FUNDS**

# June 30, 2020

ASSETS	
Cash	\$ 3,058,513
Investments	7,000,000
Accounts receivable	48,003
Taxes receivable, member counties	53,652
Total assets	\$ 10,160,168
LIABILITIES	
Accounts payable	\$ 194,322
Total liabilities	194,322
FUND BALANCES	
Committed	1,743,492
Unassigned	8,222,354
	9,965,846
Total liabilities and fund balances	\$ 10,160,168

The accompanying notes are an integral part of this financial statement.

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT RECONCILIATION OF GOVERNMENTAL FUND BALANCE TO NET POSITION

June 30, 2020

Fund balances - Governmental Fund (Exhibit C)	\$ 9,965,846
Amounts reported for governmental activities in the Statement of Net Position are different because:	
Capital assets used in governmental activities are not financial resources and therefore are not reported in the governmental funds.	2,040,295
Collective deferred outflows are not a current use of funds and therefore are not reported in the governmental funds	313,777
The pension and other post employment benefit liabilities are not payable from current resources and therefore are not reported in the governmental funds	(2,038,054)
Collective deferred inflows of resources are not a current resource of funds and reported in the governmental funds	(38,075)
Accrued compensated absences are not due and payable in the current year and therefore are not reported in the governmental funds.	(75,843)
Net position of governmental activities (Exhibit B)	\$ 10,167,946

The accompanying notes are an integral part of this financial statement.

# STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE-GOVERNMENTAL FUNDS

REVENUES		
Tax revenue, member counties	\$	1,666,135
Interest on investments		227,480
Reimbursements:		
Federal		1
Nonfederal	1	30,843
Total revenues	_	1,924,458
EXPENSES		av
Personal service:		
Salaries, wages, and fringe benefits		1,050,628
Travel and subsistence		34,113
Contractual services		106,091
Commodities		109,601
Project costs and other outlays		403,680
Machinery and equipment		76,902
Land and other infrastructure	_	
Total expenditures		1,781,015
Excess of revenues over expenditures		143,443
Fund balance, beginning		9,822,403
Fund balance, ending	\$	9,965,846

# RECONCILIATION OF STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE TO STATEMENT OF ACTIVITIES

Net change in fund balances - Total Governmental Funds (Exhibit E)	\$	143,443
Amounts reported for governmental activities in the Statement of Activities are different because:		
Governmental funds report capital outlays as expenditures. However in the Statement of Activities, the cost of those assets is allocated over their estimated useful lives as depreciation expense. This is the amount by which depreciation differed from capital outlays in the current period. Also, delivery and installation costs are included in the depreciable cost on the government-wide basis. The reclassification		
of these contractual and commodity expenditures is also included in this amount.		(112,776)
Some expenses reported in the Statement of Activities, such as compensated abscences, do not require the use of current financial resources and, therefore, are		
not reported as expenditures in the governmental funds.	-	(32,112)
Change in net position of governmental activities (Exhibit B)	\$	(1,445)

#### **BUDGETARY COMPARISON STATEMENT**

#### Year ended June 30, 2020

		BUDGETED	AM	10UNTS	A	ACTUAL AMOUNTS UDGETARY		GOV	DGET TO /ERNMEN- AL FUND		ACTUAL AMOUNTS GOVERN- MENTAL UND BASIS
	_	ORIGINAL		FINAL	4	BASIS)		DIF	FERENCES	(1	EXHIBIT E)
REVENUES:	•	2 000 000	Φ.	2 000 000	Φ	1 (50 005		Φ.	(1-1-2)		
Tax revenue, member counties	\$	2,000,000	\$	2,000,000	\$	1,678,287	(a)	\$	(12,152)	\$	1,666,135
Interest on investments Reimbursements:		165,000		265,000		227,480					227,480
Federal		200,000		84,000		-			-		2.4
Nonfederal		232,500	-	200,000	-	18,956	(a)	4	11,887	_	30,843
Total revenues		2,597,500	_	2,549,000	-	1,924,723		_	(265)	_	1,924,458
EXPENSES:											
Personal service:											
Salaries, wages, and fringe											
benefits		1,178,324		1,246,452		1,050,788	(b)		(160)		1,050,628
Travel and subsistence		203,500		203,500		37,636	(b)		(3,523)		34,113
Contractual services		750,000		750,000		106,569	(b)		(478)		106,091
Commodities		575,000		575,000		123,903	(b)		(14,302)		109,601
Capital outlay:											
Project costs & other outlays		4,500,000		4,500,000		242,025	(b)		161,655		403,680
Machinery and equipment		1,309,650		1,274,645		76,902					76,902
Land and other infrastructure				-		-					-
Subsidies, loans, and grants	÷	275,000	_	275,000	_					_	- 3
		8,791,474	-	8,824,597	_	1,637,823			143,192		1,781,015
Net change in fund balance		(6,193,974)		(6,275,597)		286,900			(143,457)		143,443
Fund balance, beginning	_	9,771,613	:	9,771,613		9,771,613			50,790	_	9,822,403
Fund balance, ending	\$	3,577,639	\$	3,496,016	\$	10,058,513		\$	(92,667)	\$	9,965,846

The District prepares its budget on the cash basis of accounting, budgeting for revenues expected to be received and expenditures expected to be spent during the year. Differences between the budgetary accounting basis and the Governmental Fund basis shown in Exhibit E result from:

- a) Tax revenues, interest, and other receivables accrued at the beginning and end of each year.
- b) Accounts payable accrued at the beginning and end of each year.

The accompanying notes are an integral part of this financial statement.

#### NOTES TO FINANCIAL STATEMENTS

June 30, 2020

#### NOTE 1, SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Tombigbee River Valley Water Management District was organized in 1963, as authorized by the Legislature of the State of Mississippi, for the purpose of developing and conserving the human and natural resources of Mississippi counties in which the Tombigbee River or any of its tributaries lie. The twelve member counties are Alcorn, Chickasaw, Clay, Itawamba, Kemper, Lee, Lowndes, Monroe, Noxubee, Pontotoc, Prentiss, and Tishomingo. The District is a component unit of the State of Mississippi.

#### A. Use of Estimates in the Preparation of Financial Statements

In preparing financial statements in conformity with generally accepted accounting principles, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### B. Basis of Presentation, Measurement Focus, and Basis of Accounting

Government-Wide Financial Statements: The Statement of Net Position and the Statement of Activities display information about a reporting government as a whole. In the District's case, the reporting government consists entirely of a single fund, a governmental general fund. Government-wide financial statements are presented using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned, and expenses are recognized when the liability is incurred or when economic assets are used.

Fund Financial Statements: The Balance Sheet-Governmental Funds and the Statement of Revenues, Expenditures and Changes in Fund Balance-Governmental Funds display information about individual funds, which are separate accounting entities, each of which has a separate set of self-balancing accounts that constitute the fund's assets, liabilities, fund equity, revenues and expenditures/expenses. The District has only one fund. This general operating fund is used to account for all current financial resources of the District. Fund financial statements of governmental funds are presented using the current financial resources measurement focus and the modified accrual basis. Under this modified accrual basis of accounting, revenues are recognized when "measurable and available." Measurable means knowing or being able to reasonably estimate the amount. Available means collectible within the current period or within sixty days after year end. Expenditures, including capital outlays, are recorded when the related fund liability is incurred.

Other Financial Statements: The Budgetary Comparison Statement presents the District's originally and finally approved budget compared to actual revenues and expenditures. Actual revenues and expenditures are presented on the District's budgetary basis of accounting, the cash basis of accounting. The District's budget procedures are described below.

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

#### C. Capital Assets and Depreciation

The accounting and reporting treatment applied to the capital assets associated with a fund are determined by its measurement focus. General capital assets are long-lived assets of the District. When purchased, such assets are recorded as expenditures in the governmental fund and capitalized. The valuation basis for general capital assets is historical cost.

Depreciation of capital assets is computed and recorded by the straight-line method. Estimated useful lives are as follows: Buildings, 20 to 40 years; machinery and equipment, 4 to 10 years.

#### D. Budgets

The District follows these procedures in establishing the budgetary data reflected in the financial statements:

- 1. Approximately one year before a fiscal year begins, the agency prepares a proposed operating budget for that year. The operating budget includes proposed expenditures and the means of financing them.
- 2. During August, this proposed budget for the fiscal year, commencing the following July, is submitted to the Fiscal Management Board and the Legislative Budget Office. Budget hearings are conducted resulting in recommendations for changes or approval of the request as submitted.
- 3. In January, the proposed budget and any recommendations proposed by the Legislative Budget Commission, are presented to the legislature. The legislature makes any revisions it deems necessary or appropriate. Prior to March 30, the budget is legally enacted through passage of a statute.
- 4. The District is authorized to transfer budgeted amounts between major expenditure classifications on a limited basis subject to approval by the Fiscal Management Board. The final amended budget is used for budget comparison purposes in this report.
- 5. The budget for the General Fund is adopted on a cash basis. Exhibit G compares actual expenditures on the budgetary basis to original and final budgets and reconciles revenues and expenditures for the year from the budgetary basis to a modified accrual basis used in governmental fund financial statements.

#### E. Compensated Absences

Section 25-3-97, Miss. Code Ann. (1972), authorizes payment for a maximum of 30 days accrued personal leave in a lump sum upon termination of employment. No payment is authorized for accrued major medical leave unless the employee presents medical evidence that his or her physical

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

condition is such that he or she can no longer work in a capacity of state government. The liability for compensated absences reported in the government-wide Statement of Net Assets consists of unpaid, accumulated annual personal leave balances. The District has not classified any of the liability for compensated absences as current due to the immateriality of the amount.

#### F. Risk

The District participates in the State of Mississippi Tort Claims Board insurance pool and purchases commercial insurance in order to limit its exposure to risk.

#### G. Evaluation of Subsequent Events

In preparing these financial statements, the District has evaluated events and transactions for potential recognition or disclosure through the date of the Independent Auditors' Report, which is the date the financial statements were available to be issued.

#### H. Fund Balance Reporting in Governmental Funds

Nonspendable fund balances reported in the governmental fund balance sheet are associated with assets that are not in spendable form, such as inventories, prepaid items, and the long-term portion of loans and notes receivable, or items that are legally required to be maintained intact.

Spendable fund balances in the governmental fund balance sheet are classified as restricted, committed, assigned or unassigned based upon the extent to which the District is bound to observe constraints imposed on the use of the resources reported in the governmental funds. Restricted fund balances represent amounts that are constrained by external parties, such as creditors, grantors, or contributors, or through constitutional provisions or enabling legislation. Committed fund balances represent amounts that are usable only for specific purposes by formal action of the District's board of directors. Assigned fund balances represent amounts that are intended to be used for specific purposes, but are neither restricted nor committed. Unassigned fund balances represent the residual classification for the District.

#### I. Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Public Employees Retirement System of Mississippi (PERS) and additions to/deductions from PERS's fiduciary position have been determined on the same basis as they are reported by PERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

#### J. Postemployment Benefits Other Than Pensions (OPEB)

For purposes of measuring the District's OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the State of Mississippi State and School Employees' Life and Health Insurance Plan (the Plan) and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

#### NOTE 2. PENSION PLAN

#### A. General Information about the Pension Plan

#### Plan description

The Public Employee's Retirement System of Mississippi (PERS or the System) was created with the purpose to provide pension benefits for all state and public education employees, sworn officers of the Mississippi Highway Safety Patrol, or other public employees whose employers have elected to participate in the System and elected members of the State Legislature and the President of the Senate. The System administers a cost-sharing, multiple employer defined benefit pension plan as defined in Governmental Accounting Standards Board (GASB) Statement No. 67, Financial Reporting for Pension Plans.

#### Benefits provided

For the cost-sharing plan participating members who are vested and retire at or after age 60 or those who retire regardless of age with at least 30 years of creditable service (25 years of creditable service for employees who became members of PERS before July 1, 2011) are entitled, upon application, to an annual retirement allowance payable monthly for life in an amount equal to 2.00% of their average compensation for each year of creditable service up to and including 30 years (25 years for those who became members of PERS before July 1, 2011), plus 2.50% for each additional year of creditable service with an actuarial reduction in the benefit for each year of creditable service below 30 years or the number of years in age that the member is below 65, whichever is less, for those who became members of PERS on or after July 1, 2011. Average compensation is the average of the employee's earnings during the four highest compensated years of creditable service. A member may elect a reduced retirement allowance payable for life with a provision that, after death, a beneficiary receives benefits for life or for a specified number of years. Benefits vest upon completion of eight years of membership service (four years of membership service for those who became members of PERS before July 1, 2007). PERS also provides certain death and disability benefits. In the event of death prior to retirement of any member whose spouse and/or children are not entitled to a retirement allowance, the deceased member's accumulated contributions and interest are paid to the designated beneficiary.

#### NOTE 2. PENSION PLAN – (Continued)

#### **Contributions**

Pursuant to Miss. Code Ann. § 25-11-123 (1972, as amended), the Board of Trustees of the Public Employees' Retirement System of Mississippi is authorized to set the contribution rates for both employee and employer contributions based on the basis of the liabilities of the retirement system as shown by the actuarial valuation. Effective July 1, 2010 and continuing thereafter until amended by the Board of Trustees of the Public Employees' Retirement System of Mississippi, the employee contribution rate was fixed at 9.00 percent of earned compensation. The District's contractually required contribution rate through June 30, 2019 was 15.75 percent of earned compensation. Effective July 1, 2109 the Board of Trustees of the Public Employees' Retirement System of Mississippi amended the contribution rate to 17.4 percent of earned compensation. Contributions to the pension plan from the District were \$ 131,635 for the year ended June 30, 2020.

# B. Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2020, the District reported a liability of \$ 1,935,997 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2019, 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 ratio of the District's actual contribution to the System's total actual contributions as of and for the System's fiscal year ended June 30, 2019. At June 30, 2019, the District's proportion was 0.011005%, which was an increase of .001378% from its proportion measured as of June 30, 2018.

For the year ended June 30, 2020, the District recognized pension expense of \$ 156,013. At June 30, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources:

	Ou	eferred utflows of esources	In	eferred flows of esources
Differences between expected and actual experience	\$	1,145	\$	2,084
Changes in assumptions		18,981		-
Net difference between projected and actual earnings on				
pension plan investments		-		21,181
Changes in proportion and differences between District				
contributions and proportionate share of contributions		142,744		<u>=</u>
District contributions subsequent to the measurement date	-	131,634		
	\$	294,504	\$	23,265

#### NOTE 2. PENSION PLAN – (Continued)

Deferred outflows of resources related to pensions resulting from the District's contributions subsequent to the measurement date will be recognized as a reduction of net pension liability in the following fiscal year. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Years ended June 30,		
2020	\$	47,649
2021		10,547
2022		43,718
2023		37,691
2024		-
Thereafter		
	\$	139,605

#### Actuarial assumptions

The total pension liability was determined by an actuarial valuation as of June 30, 2018 and a measurement date determined of June 30, 2019 using standard rollforward techniques, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 2.75%

Salary increases 3.00% - 18.25%, average, including inflation

Investment rate of return 7.75%, net of pension plan investment expense, including inflation

Mortality rates were based on PubS.H-210(B) Retiree Table with the following adjustments. For males 112% of male rates from age 18 to 75 scaled down to 105% for ages 80 to 119. For females 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119. Mortality rates will be projected generationally using the MP-2018 projection scale to account for future improvements in life expectancy.

The actuarial assumptions are based on the experience investigation for the four-year period ending June 30, 2018.

The long-term expected rate of return on pension plan investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected nominal returns, net of pension plan investment expense and the assumed rate of inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target asset allocation and best estimates of arithmetic real rates of return for each major asset class as of June 30, 2019, are summarized in the following table:

#### NOTE 2. PENSION PLAN – (Continued)

	Asset Class		Target Allocation		Expected Real Rate of Return
Domestic equity			27.00	%	4.90
International equity		-	22.00		4.75
Global	1		12.00		5.00
Debt securities			20.00		1.50
Real estate			10.00		4.00
Private equity			8.00		6.25
Cash			1.00		0.25
			100.00	%	*

#### Discount rate

The discount rate used to measure the total pension liability was 7.75%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that the employer contributions will be made at the current employer contribution rate. 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.

# Sensitivity of the District's proportionate share of the net pension liability to changes in the discount rate

The following table presents the District's proportionate share of the net pension liability calculated using the discount rate of 7.75%, as well as what the District's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

				Current	
		1%		Discount	1%
	_	Decrease	_	Rate	Increase
District's proportionate share of					
the net pension liability	\$	2,544,935	\$	1,935,997	\$ 1,433,373

#### Pension plan fiduciary net position

Detailed information about the pension plan's fiduciary net position is available in the separately issued PERS financial report, which can be obtained at www.pers.ms.gov.

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB)

#### A. General Information about the OPEB Plan

#### Plan description

The State administers the OPEB Plan, a cost-sharing multiple-employer defined benefit OPEB plan, for units of state government, political subdivisions, community colleges and school districts. Plan assets may be used to pay the benefits of the employees and retirees of any employer that participates in the OPEB Plan.

The State and School Employees' Life and Health Insurance Plan, which includes OPEB benefits and is amended annually by the Board, is authorized by Section 25-15-3 et seq., Mississippi Code Ann. (1972). The Board administers the OPEB Plan. The Plan is maintained solely for the benefit of eligible employees, dependents and retirees.

The 14-member board, which administers the Plan, is comprised of the Chairman of the Workers' Compensation Commission; the State Personnel Director; the Commissioner of Insurance; the Commissioner of Higher Education; the State Superintendent of Public Education; the Executive Director of the Department of Finance and Administration; the Executive Director of the Mississippi Community College Board; the Executive Director of the Public Employees Retirement System; two appointees of the Governor; the Chairman of the Senate Insurance Committee, or his designee; the Chairman of the House of Representatives Insurance Committee, or his designee; the Chairman of the Senate Appropriations Committee, or his designee; and the Chairman of the House of Representatives' Appropriations Committee, or his designee. The Board has a fiduciary responsibility to manage the funds of the Plan. The Plan maintains a budget approved by the Board.

#### Benefits provided

Per Section 12-15-15 (10) Mississippi Code Ann. (1972), a retired employee electing to purchase retiree life and health insurance will have the full cost of such insurance premium deducted monthly from his state retirement plan check or direct billed for the cost of the premium if the retirement check is insufficient to pay for the premium. If the Board determines actuarially that the premium paid by the participating retirees adversely affects the overall cost of the Plan to the State, then the Board may impose a premium surcharge, not to exceed 15%, upon such participating retired employees who are under the age for Medicare eligibility and who are initially employed before January 1, 2006. For participating retired employees who are under the age for Medicare eligibility and who are initially employed on or after January 1, 2006, the Board may impose a premium surcharge in an amount the Board determines actuarially to cover the full cost of insurance. The Board imposes a surcharge by charging Horizon retirees higher premiums than Legacy retirees.

Employees' premiums are funded primarily by their employers. Retirees must pay their own premiums, as do active employees for spouse and dependent medical coverage. The Board has the sole authority for setting life and health insurance premiums for the Plan. Because the trust assets represent only 3% of benefits paid during 2019, assets in the trust were not used to make benefit payments. Instead, the

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

implicit rate subsidy OPEB benefits were paid by the participating employers.

Pursuant to the authority granted by Mississippi Statute, the Board has the authority to establish and change premium rates for the participants, employers and other contributing entities. An outside consulting actuary advises the Board regarding changes in premium rates. If premium rates are changed, they generally become effective at the beginning of the next calendar year or next fiscal year.

Plan participants are not subject to supplemental assessment in the event of a premium deficiency. At the time of premium payment, the risk of loss due to incurred benefit costs is transferred from the participant to the Plan. If the assets of the Plan were to be exhausted, participants would not be responsible for the Plan's liabilities.

#### Contributions

The Board has the sole authority for setting life and health insurance premiums for the Plan. The required premiums vary based on the plan selected and the type of participant. Employers pay no premiums for retirees while employees' premiums are funded primarily by their employer. Contributions to the OPEB plan from the District were \$ 62,924 for the year ended June 30, 2020.

# B. OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB

At June 30, 2020, the District reported a liability of \$ 102,057 for its proportionate share of the net OPEB liability. The net OPEB liability was measured as of June 30, 2019, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of that date. The basis for the District's proportion is determined by comparing the employer's average monthly employees participating in the Plan with the total average employees participating in the Plan in the fiscal year of all employers. This allocation was utilized because the level of premiums contributed by each employer is the same for any employee regardless of plan participation elections made by the employee. At the measurement date of June 30, 2019, the District's proportion was .01202806 percent. This was an increase of .00110398 percent from the proportionate share as of the measurement date of June 30, 2018.

For the year ended June 30, 2020, the District recognized OPEB expense of \$ 5,659. At June 30, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

O	utflows of	In	eferred flows of esources
\$	154	\$	1,461
	7,609		5,292
	2		F
	7,689		8,057
_	3,819	_	1 - 2
\$	19,273	\$	14,810
	\$	7,609 2 7,689 3,819	Outflows of Resources Resources \$ 154 \$ 7,609 \$ 2 \$ 7,689 \$ 3,819

\$ 3,819 reported as deferred outflows of resources related to OPEB resulting from District contributions subsequent to the measurement date will be recognized as a reduction to the net OPEB liability in the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

	Thereamer		\$	644
	2024 Thereafter			577 2,222
	2023			(349)
	2022			(602)
	2021			(602)
	2020	a a	\$	(602)
5	Years ended June 30,			

#### Actuarial assumptions

The total OPEB liability in the June 30, 2019 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Inflation	2.75 percent
Salary increases	3.00-18.20 percent, including wage inflation
Long-term Investment Rate of Return, net of OPEB plan investment expense, including inflation	3.50 percent

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

Municipal Bond Index Rate

Measurement Date 3.50 percent
Prior Measurement Date 3.89 percent

Year FNP is projected to be depleted

Measurement Date 2019 Prior Measurement Date 2018

Single Equivalent Interest Rate, net of OPEB plan investment expense, including inflation

Measurement Date 3.50 percent
Prior Measurement Date 3.89 percent

Health Care Cost Trends

Medicare Supplement Claims and Pre- 7.00 percent for 2019 decreasing to an ultimate rate of

Medicare 4.75 percent by 2028

Mortality rates were based on the PubS.H-2010(B) Retiree Table with the following adjustments: For males, 112% of male rates from ages 18 to 75 scaled down to 105% for ages 80 to 119. For females, 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119. Mortality rates will be projected generationally using the MP-2018 projection scale to account for future improvements in life expectancy.

The demographic actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study dated April 2, 2019.

The remaining actuarial assumptions (e.g., initial per capita costs, health care cost trends, rate of plan participation, rates of plan election, etc.) used in the June 30, 2019 valuation were based on a review of recent plan experience done concurrently with the June 30, 2019 valuation.

The Plan had assets of \$1,017,904 as of the measurement date as of June 30, 2019.

#### Discount rate

The discount rate of 3.89 percent and 3.50 percent used to measure the total OPEB liability at June 30, 2018 and June 30, 2019, respectively, was based on an average of the Bond Buyer General Obligation 20-year Municipal Bond Index Rates during the month of June published at the end of each week by the Bond Buyer.

#### Long-term expected rate of return

The long-term investment rate of return, net of OPEB Plan investment expense, including inflation, was 3.50 percent.

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

# Sensitivity of the District's proportionate share of the net OPEB liability to changes in the discount rate

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

				Current		
		1%	]	Discount		1%
	<u>D</u>	ecrease		Rate	I	ncrease
Net OPEB liability	\$	113,367	\$	102,057	\$	92,380

# Sensitivity of the District's proportionate share of the net OPEB liability to changes in the healthcare cost trend rates

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

			Current	
		1%	Discount	1%
	<u>D</u>	ecrease	Rate	Increase
Net OPEB liability	\$	94,571	\$ 102,057	\$ 110,536

#### OPEB plan fiduciary net position

Detailed information about the OPEB plan's fiduciary net position for June 30, 2019 and going forward will be available in separately issued financial reports available on the Mississippi Department of Finance and Administration's website

#### NOTE 4. CHANGES IN NONCURRENT LIABILITIES

Noncurrent liabilities (excluding the pension liability described in Note 2 and OPEB liability described in Note 3) consisted entirely of accrued compensated absences which increased by \$ 6,334 compared to the July 1, 2019, balance of \$ 69,509.

#### NOTE 5. COMMITMENTS AND COMMITTED FUND BALANCE

#### **Projects of a Local Nature**

In accordance with House Bill No. 179 enacted by the Mississippi Legislature in 1962, the District receives ad valorem taxes from each participating county. The District is obligated to spend for projects of a local nature in each participating county an amount based on that county's 1965 ad valorem tax assessment. Al-

#### NOTE 5. COMMITMENTS AND COMMITTED FUND BALANCE – (Continued)

so, in 2010 and 2011, the District was repaid for bonds redeemed on behalf of Yellow Creek Port Authority. The District's Board of Directors voted to commit these funds to be added to projects of a local nature. During fiscal year ended June 30, 2018, the District's Board of Directors voluntarily voted to commit an additional \$1,000,000 to these funds. During fiscal year ended June 30, 2020, the District's Board of Directors voluntarily voted to commit an additional \$2.8 million to these funds over four years (\$700,000 per year). The Projects are to be financed out of ad valorem taxes of the participating counties during the period they are members of the District. The total of these commitments by the District's Board of Directors of \$1,743,492 is included in committed fund balances in the balance sheet-governmental funds.

The District has entered into several agreements with the Natural Resource Conservation Service to share 25% of the cost of certain emergency watershed projects. The District's share of the cost may be either a cash or in-kind contribution. The District intends to use its maintenance personnel and equipment as its share of the cost.

In addition to the above commitments, the District is obligated by resolutions to maintain the tributaries of the Tombigbee River that are improved by the United States Army Corps of Engineers.

#### NOTE 6. CAPITAL ASSETS

The following is a summary of changes in capital assets:

	BALANCE JULY 1, 2019	INCREASES_	DECREASES	BALANCE JUNE 30, 2020
Assets not being depreciated:				71 - 12
Land	\$ 929,831	\$ -	\$ -	\$ 929,831
	929,831	-		929,831
Other capital assets:				
Buildings and improvements	976,831	2	-	976,831
Machinery and equipment	4,029,875	76,902	25,149	4,081,628
	5,006,706	76,902	25,149	5,058,459
Accumulated depreciation:			8	
Buildings and improvements	376,053	31,599		407,652
Machinery and equipment	3,407,413	158,079	25,149	3,540,343
	3,783,466	189,678	25,149	3,947,995
Net other capital assets	1,223,240	(112,776)		1,110,464
Net capital assets	\$ 2,153,071	\$ (112,776)	\$	\$ 2,040,295

#### NOTE 7. CASH AND INVESTMENTS

The District's deposits and investments, as listed below, at June 30, 2020 were entirely covered by federal depository insurance or by collateral through the statewide collateral pool administered by the State Treasurer.

State law authorizes the District to invest in obligations of the U. S. Treasury and U. S. Agencies; obligations of the Tennessee Valley Authority; obligations of the State of Mississippi and its agencies, municipalities or political subdivisions; obligations of any state or its divisions that are rated "A" or better; and certain surety bonds.

Since the District was invested in interest-bearing accounts at June 30, 2020, the investments' carrying values approximate their fair values. Amounts on deposit at June 30, 2020 are as follows:

	AMOUNT
Cash:	
Petty cash fund	\$ 200
Checking account (before deducting outstanding checks)	23,470
Money market	3,058,195
	\$ 3,081,865
Investments:	***************************************
Certificates of deposit	\$ 7,000,000
	\$ 7,000,000

#### NOTE 8. SUBSEQUENT EVENTS

In December 2019, a novel strain of coronavirus was reported in Wuhan, China. The World Health Organization has declared the outbreak to constitute a "Public Health Emergency of International Concern". The COVID-19 outbreak is disrupting supply chains and affecting production and sales across a range of industries. The extent of the impact of COVID-19 on our operational and financial performance will depend on certain developments, including the duration and spread of the outbreak and impact on our employees and vendors, all of which are uncertain and cannot be predicted. At this point, the extent to which COVID-19 may impact our financial condition or results of operations is uncertain.

SUPPORTING SCHEDULES

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

# SCHEDULE OF SURETY BONDS

June 30, 2020

ME AND POSITION SURETY		SERIAL NUMBER	 AMOUNT	
Directors:			* 1 .	
Brad Stevens, President	Western Surety	18117508	\$ 20,000	
Jack Savely, Vice President	Western Surety	18117508	\$ 20,000	
Dr. L. J. Goodgame, Secretary	Western Surety	18117508	\$ 20,000	
Tim Rakestraw, Treasurer	Western Surety	18117508	\$ 20,000	
	Travelers Casualty & Surety	107076814	\$ 50,000	
Fredrick Bowen	Western Surety	18117508	\$ 20,000	
Joe Brooks	Western Surety	18117508	\$ 20,000	
Julian Chancellor	Western Surety	18117508	\$ 20,000	
Ken Cooley	Western Surety	18117508	\$ 20,000	
Joe Duncan	Western Surety	18117508	\$ 20,000	
Jerry Mack Etheridge	Western Surety	18117508	\$ 20,000	
James Granger	Western Surety	18117508	\$ 20,000	
Thomas Guin	Western Surety	18117508	\$ 20,000	
Keith Herring	Western Surety	18117508	\$ 20,000	
Mike Huddleston	Western Surety	18117508	\$ 20,000	
Peggy Jolly	Western Surety	18117508	\$ 20,000	
Perry R. Lucas	Western Surety	18117508	\$ 20,000	
Jerry D. Keith	Western Surety	18117508	\$ 20,000	
Sandy Mitchell	Western Surety	18117508	\$ 20,000	
Rayburn Parks	Western Surety	18117508	\$ 20,000	
Larry Pugh	Western Surety	18117508	\$ 20,000	
Hal Swann	Western Surety	18117508	\$ 20,000	
Ben Vanderford	Western Surety	18117508	\$ 20,000	
Paul Vickers	Western Surety	18117508	\$ 20,000	
Steve Wallace	Western Surety	18117508	\$ 20,000	
Wesley Webb	Western Surety	18117508	\$ 20,000	
Richard M. Whitfield	Western Surety	18117508	\$ 20,000	
Walt Willis	Western Surety	18117508	\$ 20,000	
Employees:				
David Kennard, Executive Director	Western Surety	18117508	\$ 20,000	
	Travelers Casualty & Surety	106928596	\$ 5,000	
All other employees	Western Surety	18117508	\$ 20,000	

# CASH BASIS SCHEDULE OF PER DIEM AND TRAVEL PAID TO BOARD MEMBERS

NAME	PER DIEM	TRAVEL	TOTAL
Fredrick Bowen	\$ 40	\$ 38	\$ 78
Joe Brooks	120	228	348
Jullian W. Chancellor, Jr.	400	617	1,017
Kenneth S. Cooley	200	396	596
Joe Duncan	160	271	431
Jerry Mack Etheridge	80	100	180
Robert A. Godfrey	360	108	468
Dr. L. J. Goodgame	1,360	5,266	6,626
James E. Granger	560	3,411	3,971
Thomas Guin	240	101	341
Keith Herring	40	17	57
Mike Huddleston	40	44	84
Tommy Johnson	80	170	250
Peggy Jolly	880	4,797	5,677
Jerry D. Keith	840	982	1,822
Sandy Mitchell	440	557	997
Rayburn Parks	600	609	1,209
Stanley D. Pulliam	*	1 2	- 1
Tim Rakestraw	720	381	1,101
Jack Savely	1,120	4,662	5,782
Ralph Smith	80	86	166
Brad Stevens	1,200	2,162	3,362
Paul Vickers	80	86	166
Steve Wallace	120	44	164
Wesley Webb	720	1,503	2,223
Richard M. Whitfield	160	29	189
Walton Willis	640	3,844	4,484
	\$ 11,280	\$ 30,509	\$ 41,789

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

#### SCHEDULE OF CHANGES IN LAND AND OTHER PROJECT COSTS

	BALANCE 6/30/2019	NET INCREASE (DECREASE)	BALANCE 6/30/2020
PROJECTS OF A LOCAL NATURE:			
Alcorn County	\$ 687,719	\$ 61,481	\$ 749,200
Chickasaw County	492,468	- 80	492,468
Clay County	681,054	17	681,054
Itawamba County	350,583	8,400	358,983
Kemper County	379,319		379,319
Lee County	1,635,155	39,589	1,674,744
Lowndes County	1,799,383	16,180	1,815,563
Monroe County	1,156,406	142,030	1,298,436
Noxubee County	439,090	(4)	439,090
Pontotoc County	489,277	. *	489,277
Prentiss County	412,251	33,394	445,645
Tishomingo County	329,828	47,066	376,894
Total projects of a local nature	8,852,533	348,140	9,200,673
DISTRICT PROJECTS:			
Alcorn County	882,512	30,478	912,990
Chickasaw County	1,328,169	53,657	1,381,826
Clay County	870,954	38,230	909,184
Itawamba County	1,686,424	96,993	1,783,417
Kemper County	684,033	27,789	711,822
Lee County	2,210,808	78,279	2,289,087
Lowndes County	2,049,331	52,188	2,101,519
Monroe County	685,636	31,971	717,607
Noxubee County	384,902	40,322	425,224
Pontotoc County	820,994	38,238	859,232
Prentiss County	837,248		837,248
Tishomingo County	787,342	64,108	851,450
Non-designated expenditures	3,732,138	17,356	3,749,494
Total district projects	16,960,491	569,609	17,530,100
Items reclassified as buildings, land and equipment	(1,333,036)		(1,333,036)
Totals	\$ 24,479,988	<u>\$ 917,749</u>	\$ 25,397,737

### TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

#### SCHEDULE OF TAX REVENUE FROM MEMBER COUNTIES

			INCREASE/		
	1 1 2	CASH BASIS	(DECREASE) IN RECEIVABLE	A	ACCRUAL BASIS
Alcorn County	\$	93,866	4,470	\$	98,336
Chickasaw County		103,833	863		104,696
Clay County	9	129,039	158		129,197
Itawamba County		39,609			39,609
Kemper County		41,840			41,840
Lee County		289,423	(14,994)		274,429
Lowndes County		335,161	1,455		336,616
Monroe County		196,111	(9,095)		187,016
Noxubee County		43,270	1,122		44,392
Pontotoc County		173,694	1,635		175,329
Prentiss County		65,075	488		65,563
Tishomingo County	· . ·	167,366	1,746	_	169,112
Total	\$	1,678,287	\$ (12,152)	\$	1,666,135

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

# STATUS OF FUNDS FOR PROJECTS OF A LOCAL NATURE

June 30, 2020

		OTAL FUNDS COMMITTED THROUGH 6/30/2019	CO: YE	DDITIONAL MMITMENT AR ENDED 6/30/2020		TOTAL ISBURSED THROUGH 6/30/2020	TOTAL TO BE DISBURSED		
Alcorn County	\$	810,498	\$	43,015	\$	749,200	\$	104,313	
Chickasaw County		502,500		39,465		492,468		49,497	
Clay County		722,770		48,970		681,054		90,686	
Itawamba County		418,471		22,986		358,983		82,474	
Kemper County		447,577		21,630		379,319		89,888	
Lee County		1,919,967		138,313		1,674,744		383,536	
Lowndes County		2,049,985		150,748		1,815,563		385,170	
Monroe County		1,435,442		80,104		1,298,436		217,110	
Noxubee County		484,525		23,987		439,090		69,422	
Pontotoc County		541,766		53,491		489,277		105,980	
Prentiss County		467,783		32,882		445,645		55,020	
Tishomingo County	8-	442,881	_	44,409	-	376,894	_	110,396	
	\$	10,244,165	\$	700,000	\$	9,200,673	\$	1,743,492	

#### SCHEDULE OF REQUIRED SUPPLEMENTARY INFORMATION-PENSIONS

Last 7 Fiscal Years\*

Schedule of the District's Proportionate Share of the Net Pension Liability

	2020	2019	2018	2017	2016	2015	2014
District's proportion of the net pension liability	0.011%	0.010%	0.010%	0.010%	0.010%	0.011%	0.011%
District's porportionate share of the net pension liability	\$ 1,935,997	\$ 1,601,256	\$ 1,690,932	\$ 1,706,226	\$ 1,617,064	\$ 1,340,661	\$ 1,533,159
District's covered-employee payroll	\$ 756,519	\$ 716,717	\$ 614,750	\$ 652,528	\$ 611,061	\$ 653,533	\$ 674,904
District's proportionate share of the net pension liability percentage of its covered-							
employee payroll	255.91%	223.42%	275.06%	261.48%	264.63%	205.14%	227.17%
Plan fiduciary net position as a percentage of the total pension liability	61.59%	62.54%	61.49%	57.47%	61.70%	67.21%	61.02%

<sup>\*-</sup>The amounts presented for each fiscal year were determined as of 6/30

**Schedule of District Contributions - PERS** 

		Schedule	9 01	District C	onu	ributions -	PE	KS	_		_		
	L	2020		2019		2018		2017		2016		2015	2014
Contractually required contribution	\$	131,635	\$	112,882	\$	96,823	\$	102,773	\$	96,243	\$	102,931	\$ 106,297
Contributions in relation to the contractually required contribution		(131,635)	8	(112,882)		(96,823)		(102,773)		(96,243)		(102,931)	(106,297)
Contribution deficiency (excess)	\$	_	\$		<u>\$</u>		\$		\$	_	\$		\$ 
District's covered-employee payroll	\$	756,519	\$	716,717	\$	614,750	\$	652,528	\$	611,061	\$	653,533	\$ 674,904
Contributions as a percentage of covered- employee payroll		17.40%		15.75%	1	15.75%		15.75%		15.75%		15.75%	15.75%

The accompanying notes to required supplementary information are an integral part of these schedules.

#### SCHEDULE OF REQUIRED SUPPLEMENTARY INFORMATION-OPEB

#### Last 4 Fiscal Years\*

Schedule of the District's Proportionate Share of the Net OPEB Liability

	2019		2018		2017
.0%	0.0109%		0.0122%		0.0124%
57 \$	84,514	\$	95,891	\$	101,078
19 \$	716,717	\$	614,750	\$	652,528
9%	11.79%		15.60%		15.49%
2%	0.13%		0.00%		0.00%
)	20%	0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109% 0.0109%	0.0109%  0.0	0.0109% 0.0122% 0.07 \$ 84,514 \$ 95,891 19 \$ 716,717 \$ 614,750 19% 11.79% 15.60%	0.0109% 0.0122

<sup>\*-</sup>The amounts presented for each fiscal year were determined as of 6/30

## **Schedule of District Contributions - OPEB**

		2020	2019		2018	_	2017
Contractually required contribution	\$	62,924	\$ 62,847	\$	51,601	\$	57,767
Contributions in relation to the contractually required contribution		(62,924)	(62,847)	_	(51,601)		(57,767)
Contribution deficiency (excess)	<u>\$</u>		\$ 	\$	-	\$	
District's covered-employee payroll	\$	756,519	\$ 716,717	\$	614,750	\$	652,528
Contributions as a percentage of covered- employee payroll		8.32%	8.77%		8.39%		8.85%

The accompanying notes to required supplementary information are an integral part of these schedules.

#### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION

June 30, 2020

#### NOTE 1. PENSION SCHEDULES

#### **CHANGES IN BENEFIT TERMS**

- 2016
  - o Effective July 1, 2016, the interest rate on employee contributions shall be calculated based on the money market rate as published by the Wall Street Journal on December 31 of each preceding year with a minimum rate of one percent and a maximum rate of five percent.

#### **CHANGES IN ASSUMPTIONS**

- 2019
  - o The expectations of retire life mortality was changed to the PubS.H-2020(B) Retiree Table with the following adjustments:
    - For males, 112% of male rates from ages 18 to 75 scaled down to 105% for ages 80 to 119.
    - For females, 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119.
    - Projection scale MP-2018 will be used to project future improvements in life expectancy generationally.
  - o The expectation of disabled mortality was changed to PubT.H-2010 Disabled Retiree Table for disabled retirees with the following adjustments:
    - For males, 137% of male rates at all ages.
    - For females, 115% of female rates at all ages
    - Projection scale MP-2018 will be used to project future improvements in life expectancy generationally.
  - o The price inflation assumption was reduced from 3.00% to 2.75%
  - o The wage inflation assumption was reduced from 3.25% to 3.00%
  - Withdrawal rates, pre-retirement mortality rates, and service retirement rates were also adjusted to more closely reflect actual experience.
  - O The percentage of active member disabilities assumed to be in the line of duty was increased from 7% to 9%.
- 2017
  - The expectation of retired life mortality was changed to the RP-2014 Healthy Annuitant Blue Collar Mortality Table projected with Scale BB to 2022. Small adjustments were also made to the Mortality Table for disabled lives.
  - o The wage inflation assumption was reduced from 3.75% to 3.25%.
  - O Withdrawal rates, pre-retirement mortality rates, disability rates and service retirement rates were also adjusted to more closely reflect actual experience.
  - O The percentage of active member disabilities assumed to be in the line of duty was increased from 6% to 7%.
- 2016
  - o The assumed rate of interest credited to employee contributions was changed from 3.50% to 2.00%.

#### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION – (Continued)

#### NOTE 1. PENSION SCHEDULES - (Continued)

- 2015
  - The expectation of retired life mortality was changed to the RP-2014 Healthy Annuitant Blue Collar Table projected to 2016 using Scale BB rather than the RP-2000 Mortality Table, which was used prior to 2015.
  - o The expectation of disabled mortality was changed to the RP-2014 Disabled Retiree Table, rather than the RP-2000 Disabled Mortality Table, which was used prior to 2015.
  - Withdrawal rates, pre-retirement mortality rates, disability rates and service retirement rates were also adjusted to more closely reflect actual experience.
  - Assumed rates of salary increase were adjusted to more closely reflect actual and anticipated experience.
  - o The price inflation and investment rate of return assumptions were changed from 3.50% to 3.00% and 8.00% to 7.75%, respectively.

CHANGES IN SIZE OR COMPOSITION OF THE POPULATION COVERED BY THE BENEFIT TERMS

None identified during periods presented in the required supplementary information.

## $\frac{\text{METHOD AND ASSUMPTIONS USED IN CALCULATIONS OF ACTUARIALLY DETERMINED CONTRIBUTIONS}}{\text{BUTIONS}}$

The actuarially determined contribution rates in the schedule of employer contributions are calculated as of June 30, two years prior to the end of the fiscal year in which contributions are reported (June 30, 2017 valuation for the June 30, 2019 fiscal year end). The following actuarial methods and assumptions were used to determined the most recent contribution rate reported in that schedule:

Actuarial cost method Entry age

Amortization method Level percentage of payroll, open

Remaining amortization peri- 38.4 years

od

Asset valuation method 5-year smoothed market

Price inflation 3.00 percent

Salary increase 3.25 percent to 18.50 percent, including inflation

Investment rate of return 7.75 percent, net of pension plan investment expense, including

inflation

#### NOTE 2. OPEB SCHEDULES

#### **CHANGES IN BENEFIT TERMS**

- 2017
  - o None
- 2018
  - o None
- 2019
  - o None identified during periods presented in the required supplementary information

## **NOTES TO REQUIRED SUPPLEMENTARY INFORMATION** – (Continued)

#### **NOTE 2. OPEB SCHEDULES** – (Continued)

#### CHANGES OF ACTUARIAL ASSUMPTIONS AND METHODS

- 2017
  - o The discount rate was changed from 3.01% for the prior Measurement Date to 3.56% for the current Measurement Date.
- 2018
  - o The discount rate was changed form 3.56% for the prior Measurement Date to 3.89% for the current Measurement Date.
- 2019
  - o The discount rate was changed from 3.89% for the prior Measurement Date to 3.50% to the current Measurement Date.

## $\frac{\text{METHODS AND ASSUMPTIONS USED IN CALCULATIONS OF ACTUARIALLY DETERMINED CONTRIBUTIONS}}{\text{TRIBUTIONS}}$

The following actuarial methods and assumptions (from the June 30, 2018 actuarial valuation) were used to determine contribution rates reported for the year ending June 30, 2019:

Actuarial cost method	Entry age
Amortization method	Level dollar
Amortization period	30 years, open
Asset valuation method	Market Value of Assets
Price inflation	3.00%
Salary increases, including wage inflation	3.25% to 18.50%
Initial health care cost trend rates	
o Medicare Supplement Claims-pre Medicare	7.25%
Ultimage health care cost trend rates	
<ul> <li>Medicare Supplement Claims-pre Medicare</li> </ul>	4.75%
Year of ultimate trend rates	
<ul> <li>Medicare Supplement Claims-pre Medicare</li> </ul>	2028
Long term investment rate of return, net of pension	
Plan investment expense, including price inflation	3.89%
	Amortization method Amortization period Asset valuation method Price inflation Salary increases, including wage inflation Initial health care cost trend rates  o Medicare Supplement Claims-pre Medicare Ultimage health care cost trend rates  o Medicare Supplement Claims-pre Medicare Year of ultimate trend rates  o Medicare Supplement Claims-pre Medicare Long term investment rate of return, net of pension



#### CERTIFIED PUBLIC ACCOUNTANTS

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#### INDEPENDENT AUDITORS' 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

Board of Directors Tombigbee River Valley Water Management District Tupelo, Mississippi

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 Tombigbee River Valley Water Management District, a component unit of the State of Mississippi, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Tombigbee River Valley Water Management District's basic financial statements, and have issued our report thereon dated September 16, 2020.

#### **Internal Control Over Financial Reporting**

In planning and performing our audit, we considered Tombigbee River Valley Water Management District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Tombigbee River Valley Water Management District's internal control. Accordingly, we do not express an opinion on the effectiveness of Tombigbee River Valley Water Management 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 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 may exist that have not been identified.

### **Compliance and Other Matters**

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

## 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.

Amory, Mississippi September 16, 2020

Nail Mc Kinney Professional Associations

## FINANCIAL REPORT

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

Tupelo, Mississippi

June 30, 2020

## -00000-

## CONTENTS

	<b>PAGE</b>
Independent Auditors' Report	3
Basic Financial Statements:	
Statement of Net Position	
Statement of Activities	
Balance Sheet – Governmental Funds	
Reconciliation of Governmental Fund Balance to Net Position	10
Statement of Revenues, Expenditures and Changes in Fund Balance – Governmental Funds Reconciliation of Statement of Revenues, Expenditures and Changes	11
in Fund Balance to Statement of Activities	
Budgetary Comparison Statement	13
Notes to Financial Statements.	14
Supporting Schedules: Schedule of Surety Bonds – Schedule 1	29
Board Members – Schedule 2	30
Schedule of Changes in Land and Other Project Costs – Schedule 3	
Schedule of Tax Revenue from Member Counties – Schedule 4	
Status of Funds for Projects of a Local Nature – Schedule 5	
Schedule of Required Supplementary Information – Pensions– Schedule 6	
Schedule of Required Supplementary Information – OPEB – Schedule 7	35
Notes to Required Supplementary Information	
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	39



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#### INDEPENDENT AUDITORS' REPORT

Board of Directors Tombigbee River Valley Water Management District Tupelo, Mississippi

#### Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities of Tombigbee River Valley Water Management District, a component unit of the State of Mississippi, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Tombigbee River Valley Water Management District's basic financial statements as listed in the table of contents.

## Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

#### Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Tombigbee River Valley Water Management District as of June 30, 2020, and the changes in its financial position and the budgetary comparison for the General Fund for the year then ended in conformity with accounting principles generally accepted in the United States of America.

#### Other Matters

Required Supplementary Information

Management has omitted management's discussion and analysis that accounting principles generally accepted in the United States of America require 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 considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

Accounting principles generally accepted in the United States of America require that the schedules of required supplementary information included in Schedules 6 and 7 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, 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 the audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise Tombigbee River Valley Water Management District's basic financial statements. The supporting schedules 1 through 5 are presented for purposes of additional analysis and are not a required part of the basic financial statements of Tombigbee River Valley Water Management District.

The supporting schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards

generally accepted in the United States of America. In our opinion, the supporting schedules are fairly stated in all material respects in relation to the basic financial statements as a whole.

## Other Reporting Required by Government Auditing Standards

Nail Mc Kinney Professional Association

In accordance with Government Auditing Standards, we have also issued our report dated September 16, 2020, on our consideration of Tombigbee River Valley Water Management District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is 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 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.

Amory, Mississippi September 16, 2020 BASIC FINANCIAL STATEMENTS

## STATEMENT OF NET POSITION

June 30, 2020

ASSETS		
Cash	\$	3,058,513
Investments		7,000,000
Accounts receivable		48,003
Taxes receivable, member counties		53,652
Capital assets, net of accumulated depreciation	_	2,040,295
Total assets	_	12,200,463
DEFERRED OUTFLOWS OF RESOURCES		
Collective deferred outflows of resources related to other postemployment benefits		19,273
Collective deferred outflows of resources related to pensions		294,504
Total deferred outflows of resources	_	313,777
LIABILITIES		
Accounts payable		194,322
Accrued compensated absences		75,843
Other post-employment benefit liability		102,057
Pension liability	_	1,935,997
Total liabilities	سم" ا	2,308,219
DEFERRED INFLOWS OF RESOURCES		
Collective deferred inflows of resources related to other postemployment benefit		14,810
Collective deferred inflows of resources related to pensions	_	23,265
Total deferred inflows of resources	_	38,075
NET POSITION		
Invested in capital assets		2,040,295
Unrestricted	-	8,127,651
Total net position	\$	10,167,946

The accompanying notes are an integral part of this financial statement.

## STATEMENT OF ACTIVITIES

EXPENSES AND LOSSES	
Personal service:	
Salaries, wages, and fringe benefits	\$ 1,082,740
Travel and subsistence	34,113
Contractual services	106,091
Commodities	109,601
Project costs and other outlays	403,680
Depreciation	189,678
Total expenses	1,925,903
REVENUES AND GAINS	
Tax revenue, member counties	1,666,135
Interest income	227,480
Gain on sale of capital assets	4,162
Reimbursements:	
Federal	.~
Nonfederal	26,681
Total revenues	1,924,458
Change in net position	(1,445)
Net position, beginning	10,169,391
Net position, ending	\$ 10,167,946

The accompanying notes are an integral part of this financial statement.

## BALANCE SHEET - GOVERNMENTAL FUNDS

## June 30, 2020

ASSETS		
Cash	\$	3,058,513
Investments		7,000,000
Accounts receivable		48,003
Taxes receivable, member counties	á=	53,652
Total assets	\$	10,160,168
LIABILITIES		
Accounts payable	\$	194,322
Total liabilities	_	194,322
FUND BALANCES		
Committed		1,743,492
Unassigned	_	8,222,354
		9,965,846
Total liabilities and fund balances	\$	10,160,168

The accompanying notes are an integral part of this financial statement.

# TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT RECONCILIATION OF GOVERNMENTAL FUND BALANCE TO NET POSITION

June 30, 2020

Fund balances - Governmental Fund (Exhibit C)	\$ 9,965,846
Amounts reported for governmental activities in the Statement of Net Position are different because:	
Capital assets used in governmental activities are not financial resources and therefore are not reported in the governmental funds.	2,040,295
Collective deferred outflows are not a current use of funds and therefore are not reported in the governmental funds	313,777
The pension and other post employment benefit liabilities are not payable from current resources and therefore are not reported in the governmental funds	(2,038,054)
Collective deferred inflows of resources are not a current resource of funds and reported in the governmental funds	(38,075)
Accrued compensated absences are not due and payable in the current year and therefore are not reported in the governmental funds.	(75,843)
Net position of governmental activities (Exhibit B)	\$ 10,167,946

The accompanying notes are an integral part of this financial statement.

## STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE-GOVERNMENTAL FUNDS

REVENUES		
Tax revenue, member counties	\$	1,666,135
Interest on investments		227,480
Reimbursements:		
Federal		-
Nonfederal		30,843
Total revenues	-	1,924,458
EXPENSES		
Personal service:		
Salaries, wages, and fringe benefits		1,050,628
Travel and subsistence		34,113
Contractual services		106,091
Commodities		109,601
Project costs and other outlays		403,680
Machinery and equipment		76,902
Land and other infrastructure	_	-
Total expenditures		1,781,015
Excess of revenues over expenditures		143,443
Fund balance, beginning	=	9,822,403
Fund balance, ending	\$	9,965,846

The accompanying notes are an integral part of this financial statement.

## RECONCILIATION OF STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE TO STATEMENT OF ACTIVITIES

Net change in fund balances - Total Governmental Funds (Exhibit E)	\$ 143,443
Amounts reported for governmental activities in the Statement of Activities are different because:	
Governmental funds report capital outlays as expenditures. However in the Statement of Activities, the cost of those assets is allocated over their estimated useful lives as depreciation expense. This is the amount by which depreciation differed from capital outlays in the current period. Also, delivery and installation costs are included in the depreciable cost on the government-wide basis. The reclassification of these contractual and commodity expenditures is also included in this amount.	(112,776)
Some expenses reported in the Statement of Activities, such as compensated abscences, do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds.	(32,112)
Change in net position of governmental activities (Exhibit B)	\$ (1,445)

The accompanying notes are an integral part of this financial statement.

ACTUAL

## TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

#### **BUDGETARY COMPARISON STATEMENT**

Year ended June 30, 2020

	BUDGETED	AMOUNTS	ACTUAL AMOUNTS (BUDGETARY		BUDGET TO GOVERNMEN- TAL FUND	ACTUAL AMOUNTS GOVERN- MENTAL FUND BASIS
	_ORIGINAL_	FINAL	BASIS)		DIFFERENCES	(EXHIBIT E)_
REVENUES:						
Tax revenue, member counties	\$ 2,000,000	\$ 2,000,000	\$ 1,678,287	(a)	\$ (12,152)	
Interest on investments	165,000	265,000	227,480		N 587	227,480
Reimbursements:	200.000	0.4.000				
Federal	200,000	84,000	10.056	( )	11 000	
Nonfederal	232,500	200,000	18,956	(a)	11,887	30,843
Total revenues	2,597,500	2,549,000	1,924,723_		(265)	1,924,458
EXPENSES:						
Personal service:						
Salaries, wages, and fringe						
benefits	1,178,324	1,246,452	1,050,788	(b)	(160)	1,050,628
Travel and subsistence	203,500	203,500	37,636	(b)	(3,523)	34,113
Contractual services	750,000	750,000	106,569	(b)	(478)	106,091
Commodities	575,000	575,000	123,903	(b)	(14,302)	109,601
Capital outlay:						
Project costs & other outlays	4,500,000	4,500,000	242,025	(b)	161,655	403,680
Machinery and equipment	1,309,650	1,274,645	76,902		_ 907 =	76,902
Land and other infrastructure	3.5	-				20
Subsidies, loans, and grants	275,000	275,000			×_	
	8,791,474	8,824,597	1,637,823		143,192	1,781,015
Net change in fund balance	(6,193,974)	(6,275,597)	286,900		(143,457)	143,443
Fund balance, beginning	9,771,613	9,771,613	9,771,613		50,790	9,822,403
Fund balance, ending	\$ 3,577,639	\$ 3,496,016	\$ 10,058,513		\$ (92,667)	\$ 9,965,846

The District prepares its budget on the cash basis of accounting, budgeting for revenues expected to be received and expenditures expected to be spent during the year. Differences between the budgetary accounting basis and the Governmental Fund basis shown in Exhibit E result from:

- a) Tax revenues, interest, and other receivables accrued at the beginning and end of each year.
- b) Accounts payable accrued at the beginning and end of each year.

The accompanying notes are an integral part of this financial statement.

#### NOTES TO FINANCIAL STATEMENTS

June 30, 2020

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Tombigbee River Valley Water Management District was organized in 1963, as authorized by the Legislature of the State of Mississippi, for the purpose of developing and conserving the human and natural resources of Mississippi counties in which the Tombigbee River or any of its tributaries lie. The twelve member counties are Alcorn, Chickasaw, Clay, Itawamba, Kemper, Lee, Lowndes, Monroe, Noxubee, Pontotoc, Prentiss, and Tishomingo. The District is a component unit of the State of Mississippi.

## A. Use of Estimates in the Preparation of Financial Statements

In preparing financial statements in conformity with generally accepted accounting principles, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### B. Basis of Presentation, Measurement Focus, and Basis of Accounting

Government-Wide Financial Statements: The Statement of Net Position and the Statement of Activities display information about a reporting government as a whole. In the District's case, the reporting government consists entirely of a single fund, a governmental general fund. Government-wide financial statements are presented using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned, and expenses are recognized when the liability is incurred or when economic assets are used.

Fund Financial Statements: The Balance Sheet-Governmental Funds and the Statement of Revenues, Expenditures and Changes in Fund Balance-Governmental Funds display information about individual funds, which are separate accounting entities, each of which has a separate set of self-balancing accounts that constitute the fund's assets, liabilities, fund equity, revenues and expenditures/expenses. The District has only one fund. This general operating fund is used to account for all current financial resources of the District. Fund financial statements of governmental funds are presented using the current financial resources measurement focus and the modified accrual basis. Under this modified accrual basis of accounting, revenues are recognized when "measurable and available." Measurable means knowing or being able to reasonably estimate the amount. Available means collectible within the current period or within sixty days after year end. Expenditures, including capital outlays, are recorded when the related fund liability is incurred.

Other Financial Statements: The Budgetary Comparison Statement presents the District's originally and finally approved budget compared to actual revenues and expenditures. Actual revenues and expenditures are presented on the District's budgetary basis of accounting, the cash basis of accounting. The District's budget procedures are described below.

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

## C. Capital Assets and Depreciation

The accounting and reporting treatment applied to the capital assets associated with a fund are determined by its measurement focus. General capital assets are long-lived assets of the District. When purchased, such assets are recorded as expenditures in the governmental fund and capitalized. The valuation basis for general capital assets is historical cost.

Depreciation of capital assets is computed and recorded by the straight-line method. Estimated useful lives are as follows: Buildings, 20 to 40 years; machinery and equipment, 4 to 10 years.

#### D. Budgets

The District follows these procedures in establishing the budgetary data reflected in the financial statements:

- 1. Approximately one year before a fiscal year begins, the agency prepares a proposed operating budget for that year. The operating budget includes proposed expenditures and the means of financing them.
- 2. During August, this proposed budget for the fiscal year, commencing the following July, is submitted to the Fiscal Management Board and the Legislative Budget Office. Budget hearings are conducted resulting in recommendations for changes or approval of the request as submitted.
- 3. In January, the proposed budget and any recommendations proposed by the Legislative Budget Commission, are presented to the legislature. The legislature makes any revisions it deems necessary or appropriate. Prior to March 30, the budget is legally enacted through passage of a statute.
- 4. The District is authorized to transfer budgeted amounts between major expenditure classifications on a limited basis subject to approval by the Fiscal Management Board. The final amended budget is used for budget comparison purposes in this report.
- 5. The budget for the General Fund is adopted on a cash basis. Exhibit G compares actual expenditures on the budgetary basis to original and final budgets and reconciles revenues and expenditures for the year from the budgetary basis to a modified accrual basis used in governmental fund financial statements.

#### E. Compensated Absences

Section 25-3-97, Miss. Code Ann. (1972), authorizes payment for a maximum of 30 days accrued personal leave in a lump sum upon termination of employment. No payment is authorized for accrued major medical leave unless the employee presents medical evidence that his or her physical

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

condition is such that he or she can no longer work in a capacity of state government. The liability for compensated absences reported in the government-wide Statement of Net Assets consists of unpaid, accumulated annual personal leave balances. The District has not classified any of the liability for compensated absences as current due to the immateriality of the amount.

#### F. Risk

The District participates in the State of Mississippi Tort Claims Board insurance pool and purchases commercial insurance in order to limit its exposure to risk.

#### G. Evaluation of Subsequent Events

In preparing these financial statements, the District has evaluated events and transactions for potential recognition or disclosure through the date of the Independent Auditors' Report, which is the date the financial statements were available to be issued.

#### H. Fund Balance Reporting in Governmental Funds

Nonspendable fund balances reported in the governmental fund balance sheet are associated with assets that are not in spendable form, such as inventories, prepaid items, and the long-term portion of loans and notes receivable, or items that are legally required to be maintained intact.

Spendable fund balances in the governmental fund balance sheet are classified as restricted, committed, assigned or unassigned based upon the extent to which the District is bound to observe constraints imposed on the use of the resources reported in the governmental funds. Restricted fund balances represent amounts that are constrained by external parties, such as creditors, grantors, or contributors, or through constitutional provisions or enabling legislation. Committed fund balances represent amounts that are usable only for specific purposes by formal action of the District's board of directors. Assigned fund balances represent amounts that are intended to be used for specific purposes, but are neither restricted nor committed. Unassigned fund balances represent the residual classification for the District.

#### I. Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Public Employees Retirement System of Mississippi (PERS) and additions to/deductions from PERS's fiduciary position have been determined on the same basis as they are reported by PERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (Continued)

#### J. Postemployment Benefits Other Than Pensions (OPEB)

For purposes of measuring the District's OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the State of Mississippi State and School Employees' Life and Health Insurance Plan (the Plan) and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

#### NOTE 2. PENSION PLAN

#### A. General Information about the Pension Plan

#### Plan description

The Public Employee's Retirement System of Mississippi (PERS or the System) was created with the purpose to provide pension benefits for all state and public education employees, sworn officers of the Mississippi Highway Safety Patrol, or other public employees whose employers have elected to participate in the System and elected members of the State Legislature and the President of the Senate. The System administers a cost-sharing, multiple employer defined benefit pension plan as defined in Governmental Accounting Standards Board (GASB) Statement No. 67, Financial Reporting for Pension Plans.

#### Benefits provided

For the cost-sharing plan participating members who are vested and retire at or after age 60 or those who retire regardless of age with at least 30 years of creditable service (25 years of creditable service for employees who became members of PERS before July 1, 2011) are entitled, upon application, to an annual retirement allowance payable monthly for life in an amount equal to 2.00% of their average compensation for each year of creditable service up to and including 30 years (25 years for those who became members of PERS before July 1, 2011), plus 2.50% for each additional year of creditable service with an actuarial reduction in the benefit for each year of creditable service below 30 years or the number of years in age that the member is below 65, whichever is less, for those who became members of PERS on or after July 1, 2011. Average compensation is the average of the employee's earnings during the four highest compensated years of creditable service. A member may elect a reduced retirement allowance payable for life with a provision that, after death, a beneficiary receives benefits for life or for a specified number of years. Benefits vest upon completion of eight years of membership service (four years of membership service for those who became members of PERS before July 1, 2007). PERS also provides certain death and disability benefits. In the event of death prior to retirement of any member whose spouse and/or children are not entitled to a retirement allowance, the deceased member's accumulated contributions and interest are paid to the designated beneficiary.

### NOTE 2. PENSION PLAN – (Continued)

#### **Contributions**

Pursuant to Miss. Code Ann. § 25-11-123 (1972, as amended), the Board of Trustees of the Public Employees' Retirement System of Mississippi is authorized to set the contribution rates for both employee and employer contributions based on the basis of the liabilities of the retirement system as shown by the actuarial valuation. Effective July 1, 2010 and continuing thereafter until amended by the Board of Trustees of the Public Employees' Retirement System of Mississippi, the employee contribution rate was fixed at 9.00 percent of earned compensation. The District's contractually required contribution rate through June 30, 2019 was 15.75 percent of earned compensation. Effective July 1, 2109 the Board of Trustees of the Public Employees' Retirement System of Mississippi amended the contribution rate to 17.4 percent of earned compensation. Contributions to the pension plan from the District were \$ 131,635 for the year ended June 30, 2020.

## B. Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2020, the District reported a liability of \$ 1,935,997 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2019, 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 ratio of the District's actual contribution to the System's total actual contributions as of and for the System's fiscal year ended June 30, 2019. At June 30, 2019, the District's proportion was 0.011005%, which was an increase of .001378% from its proportion measured as of June 30, 2018.

For the year ended June 30, 2020, the District recognized pension expense of \$ 156,013. At June 30, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources:

		Deferred utflows of esources	Deferred Inflows of Resources		
Differences between expected and actual experience	\$	1,145	\$	2,084	
Changes in assumptions		18,981		-	
Net difference between projected and actual earnings on					
pension plan investments				21,181	
Changes in proportion and differences between District					
contributions and proportionate share of contributions		142,744			
District contributions subsequent to the measurement date	_	131,634		-	
w1	\$	294,504	\$	23,265	

#### NOTE 2. PENSION PLAN – (Continued)

Deferred outflows of resources related to pensions resulting from the District's contributions subsequent to the measurement date will be recognized as a reduction of net pension liability in the following fiscal year. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Years ended June 30,		
2020	\$	47,649
2021		10,547
2022		43,718
2023		37,691
2024		-
Thereafter		- 4
	\$	139,605

#### Actuarial assumptions

The total pension liability was determined by an actuarial valuation as of June 30, 2018 and a measurement date determined of June 30, 2019 using standard rollforward techniques, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 2.75%

Salary increases 3.00% - 18.25%, average, including inflation

Investment rate of return 7.75%, net of pension plan investment expense, including inflation

Mortality rates were based on PubS.H-210(B) Retiree Table with the following adjustments. For males 112% of male rates from age 18 to 75 scaled down to 105% for ages 80 to 119. For females 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119. Mortality rates will be projected generationally using the MP-2018 projection scale to account for future improvements in life expectancy.

The actuarial assumptions are based on the experience investigation for the four-year period ending June 30, 2018.

The long-term expected rate of return on pension plan investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected nominal returns, net of pension plan investment expense and the assumed rate of inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target asset allocation and best estimates of arithmetic real rates of return for each major asset class as of June 30, 2019, are summarized in the following table:

#### NOTE 2. PENSION PLAN – (Continued)

Asset Class		Target Allocation	2	Expecte Rate of	
Domestic equity		27.00	%		4.90
International equity		22.00			4.75
Global	- W. T.	12.00			5.00
Debt securities		20.00			1.50
Real estate		10.00			4.00
Private equity		8.00			6.25
Cash		1.00			0.25
		100.00	%		

#### Discount rate

The discount rate used to measure the total pension liability was 7.75%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that the employer contributions will be made at the current employer contribution rate. 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.

## Sensitivity of the District's proportionate share of the net pension liability to changes in the discount rate

The following table presents the District's proportionate share of the net pension liability calculated using the discount rate of 7.75%, as well as what the District's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

V X	Current		
	1%	Discount	1%
	Decrease	Rate	Increase
District's proportionate share of			,—————————————————————————————————————
the net pension liability	\$ 2,544,935	\$ 1,935,997	\$ 1,433,373

#### Pension plan fiduciary net position

Detailed information about the pension plan's fiduciary net position is available in the separately issued PERS financial report, which can be obtained at www.pers.ms.gov.

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB)

#### A. General Information about the OPEB Plan

#### Plan description

The State administers the OPEB Plan, a cost-sharing multiple-employer defined benefit OPEB plan, for units of state government, political subdivisions, community colleges and school districts. Plan assets may be used to pay the benefits of the employees and retirees of any employer that participates in the OPEB Plan.

The State and School Employees' Life and Health Insurance Plan, which includes OPEB benefits and is amended annually by the Board, is authorized by Section 25-15-3 et seq., Mississippi Code Ann. (1972). The Board administers the OPEB Plan. The Plan is maintained solely for the benefit of eligible employees, dependents and retirees.

The 14-member board, which administers the Plan, is comprised of the Chairman of the Workers' Compensation Commission; the State Personnel Director; the Commissioner of Insurance; the Commissioner of Higher Education; the State Superintendent of Public Education; the Executive Director of the Department of Finance and Administration; the Executive Director of the Mississippi Community College Board; the Executive Director of the Public Employees Retirement System; two appointees of the Governor; the Chairman of the Senate Insurance Committee, or his designee; the Chairman of the House of Representatives Insurance Committee, or his designee; the Chairman of the Senate Appropriations Committee, or his designee; and the Chairman of the House of Representatives' Appropriations Committee, or his designee. The Board has a fiduciary responsibility to manage the funds of the Plan. The Plan maintains a budget approved by the Board.

## Benefits provided

Per Section 12-15-15 (10) Mississippi Code Ann. (1972), a retired employee electing to purchase retiree life and health insurance will have the full cost of such insurance premium deducted monthly from his state retirement plan check or direct billed for the cost of the premium if the retirement check is insufficient to pay for the premium. If the Board determines actuarially that the premium paid by the participating retirees adversely affects the overall cost of the Plan to the State, then the Board may impose a premium surcharge, not to exceed 15%, upon such participating retired employees who are under the age for Medicare eligibility and who are initially employed before January 1, 2006. For participating retired employees who are under the age for Medicare eligibility and who are initially employed on or after January 1, 2006, the Board may impose a premium surcharge in an amount the Board determines actuarially to cover the full cost of insurance. The Board imposes a surcharge by charging Horizon retirees higher premiums than Legacy retirees.

Employees' premiums are funded primarily by their employers. Retirees must pay their own premiums, as do active employees for spouse and dependent medical coverage. The Board has the sole authority for setting life and health insurance premiums for the Plan. Because the trust assets represent only 3% of benefits paid during 2019, assets in the trust were not used to make benefit payments. Instead, the

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

implicit rate subsidy OPEB benefits were paid by the participating employers.

Pursuant to the authority granted by Mississippi Statute, the Board has the authority to establish and change premium rates for the participants, employers and other contributing entities. An outside consulting actuary advises the Board regarding changes in premium rates. If premium rates are changed, they generally become effective at the beginning of the next calendar year or next fiscal year.

Plan participants are not subject to supplemental assessment in the event of a premium deficiency. At the time of premium payment, the risk of loss due to incurred benefit costs is transferred from the participant to the Plan. If the assets of the Plan were to be exhausted, participants would not be responsible for the Plan's liabilities.

#### **Contributions**

The Board has the sole authority for setting life and health insurance premiums for the Plan. The required premiums vary based on the plan selected and the type of participant. Employers pay no premiums for retirees while employees' premiums are funded primarily by their employer. Contributions to the OPEB plan from the District were \$ 62,924 for the year ended June 30, 2020.

## B. OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB

At June 30, 2020, the District reported a liability of \$ 102,057 for its proportionate share of the net OPEB liability. The net OPEB liability was measured as of June 30, 2019, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of that date. The basis for the District's proportion is determined by comparing the employer's average monthly employees participating in the Plan with the total average employees participating in the Plan in the fiscal year of all employers. This allocation was utilized because the level of premiums contributed by each employer is the same for any employee regardless of plan participation elections made by the employee. At the measurement date of June 30, 2019, the District's proportion was .01202806 percent. This was an increase of .00110398 percent from the proportionate share as of the measurement date of June 30, 2018.

For the year ended June 30, 2020, the District recognized OPEB expense of \$ 5,659. At June 30, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

	Out	Deferred Outflows of Resources		ferred lows of ources
Differences between expected and actual experience	\$	154	\$	1,461
Changes in assumptions		7,609		5,292
Net difference between projected and actual earnings on				
OPEB plan investments		2		-
Changes in proportion and differences between District				
contributions and proportionate share of contributions		7,689		8,057
District implicit rate subsidy subsequent to the measurement date		3,819		
	\$	19,273	\$	14,810

\$ 3,819 reported as deferred outflows of resources related to OPEB resulting from District contributions subsequent to the measurement date will be recognized as a reduction to the net OPEB liability in the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Years ended June 30,	
2020	\$ (602)
2021	(602)
2022	(602)
2023	(349)
2024	577
Thereafter	2,222
	Φ (11
	\$ 644

#### Actuarial assumptions

The total OPEB liability in the June 30, 2019 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Inflation	2.75 percent
Salary increases	3.00-18.20 percent, including wage inflation
Long-term Investment Rate of Return, net of	3.50 percent
OPEB plan investment expense, including	
inflation	

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

Municipal Bond Index Rate

Measurement Date 3.50 percent
Prior Measurement Date 3.89 percent

Year FNP is projected to be depleted

Measurement Date 2019 Prior Measurement Date 2018

Single Equivalent Interest Rate, net of OPEB plan investment expense, including inflation

Measurement Date 3.50 percent Prior Measurement Date 3.89 percent

Health Care Cost Trends

Medicare Supplement Claims and Pre- 7.00 percent for 2019 decreasing to an ultimate rate of

Medicare 4.75 percent by 2028

Mortality rates were based on the PubS.H-2010(B) Retiree Table with the following adjustments: For males, 112% of male rates from ages 18 to 75 scaled down to 105% for ages 80 to 119. For females, 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119. Mortality rates will be projected generationally using the MP-2018 projection scale to account for future improvements in life expectancy.

The demographic actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study dated April 2, 2019.

The remaining actuarial assumptions (e.g., initial per capita costs, health care cost trends, rate of plan participation, rates of plan election, etc.) used in the June 30, 2019 valuation were based on a review of recent plan experience done concurrently with the June 30, 2019 valuation.

The Plan had assets of \$1,017,904 as of the measurement date as of June 30, 2019.

#### Discount rate

The discount rate of 3.89 percent and 3.50 percent used to measure the total OPEB liability at June 30, 2018 and June 30, 2019, respectively, was based on an average of the Bond Buyer General Obligation 20-year Municipal Bond Index Rates during the month of June published at the end of each week by the Bond Buyer.

#### Long-term expected rate of return

The long-term investment rate of return, net of OPEB Plan investment expense, including inflation, was 3.50 percent.

#### NOTE 3. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (Continued)

## Sensitivity of the District's proportionate share of the net OPEB liability to changes in the discount rate

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

			Current		
		1%	Discount		1%
	8	Decrease	Rate	1	Increase
Net OPEB liability	\$	113,367	\$ 102,057	\$	92,380

## Sensitivity of the District's proportionate share of the net OPEB liability to changes in the healthcare cost trend rates

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

		Current	
	1%	Discount	1%
	Decrease	Rate	Increase
Net OPEB liability	\$ 94,571	\$ 102,057	\$ 110,536

#### OPEB plan fiduciary net position

Detailed information about the OPEB plan's fiduciary net position for June 30, 2019 and going forward will be available in separately issued financial reports available on the Mississippi Department of Finance and Administration's website.

#### NOTE 4. CHANGES IN NONCURRENT LIABILITIES

Noncurrent liabilities (excluding the pension liability described in Note 2 and OPEB liability described in Note 3) consisted entirely of accrued compensated absences which increased by \$ 6,334 compared to the July 1, 2019, balance of \$ 69,509.

#### NOTE 5. COMMITMENTS AND COMMITTED FUND BALANCE

#### Projects of a Local Nature

In accordance with House Bill No. 179 enacted by the Mississippi Legislature in 1962, the District receives ad valorem taxes from each participating county. The District is obligated to spend for projects of a local nature in each participating county an amount based on that county's 1965 ad valorem tax assessment. Al-

#### NOTE 5. COMMITMENTS AND COMMITTED FUND BALANCE – (Continued)

so, in 2010 and 2011, the District was repaid for bonds redeemed on behalf of Yellow Creek Port Authority. The District's Board of Directors voted to commit these funds to be added to projects of a local nature. During fiscal year ended June 30, 2018, the District's Board of Directors voluntarily voted to commit an additional \$1,000,000 to these funds. During fiscal year ended June 30, 2020, the District's Board of Directors voluntarily voted to commit an additional \$2.8 million to these funds over four years (\$700,000 per year). The Projects are to be financed out of ad valorem taxes of the participating counties during the period they are members of the District. The total of these commitments by the District's Board of Directors of \$1,743,492 is included in committed fund balances in the balance sheet-governmental funds.

The District has entered into several agreements with the Natural Resource Conservation Service to share 25% of the cost of certain emergency watershed projects. The District's share of the cost may be either a cash or in-kind contribution. The District intends to use its maintenance personnel and equipment as its share of the cost.

In addition to the above commitments, the District is obligated by resolutions to maintain the tributaries of the Tombigbee River that are improved by the United States Army Corps of Engineers.

#### NOTE 6. CAPITAL ASSETS

The following is a summary of changes in capital assets:

		BALANCE JLY 1, 2019			INCREASES DECREASES		CREASES	BALANCE JUNE 30, 202	
Assets not being depreciated:									
Land	\$	929,831	\$		\$	2.	\$	929,831	
	9	929,831	V	<u> </u>				929,831	
Other capital assets:									
Buildings and improvements		976,831		-		T-17-41		976,831	
Machinery and equipment	-	4,029,875		76,902		25,149		4,081,628	
		5,006,706		76,902		25,149		5,058,459	
Accumulated depreciation:									
Buildings and improvements		376,053		31,599		-		407,652	
Machinery and equipment		3,407,413		158,079		25,149		3,540,343	
	_	3,783,466	_	189,678		25,149		3,947,995	
Net other capital assets		1,223,240		(112,776)				1,110,464	
Net capital assets	\$	2,153,071	\$	(112,776)	\$		\$	2,040,295	

#### NOTE 7. CASH AND INVESTMENTS

The District's deposits and investments, as listed below, at June 30, 2020 were entirely covered by federal depository insurance or by collateral through the statewide collateral pool administered by the State Treasurer.

State law authorizes the District to invest in obligations of the U. S. Treasury and U. S. Agencies; obligations of the Tennessee Valley Authority; obligations of the State of Mississippi and its agencies, municipalities or political subdivisions; obligations of any state or its divisions that are rated "A" or better; and certain surety bonds.

Since the District was invested in interest-bearing accounts at June 30, 2020, the investments' carrying values approximate their fair values. Amounts on deposit at June 30, 2020 are as follows:

	AMOUNT
Cash:	
Petty cash fund	\$ 200
Checking account (before deducting outstanding checks)	23,470
Money market	3,058,195
	\$ 3,081,865
Investments:	
Certificates of deposit	\$ 7,000,000
	\$ 7,000,000

#### NOTE 8. SUBSEQUENT EVENTS

In December 2019, a novel strain of coronavirus was reported in Wuhan, China. The World Health Organization has declared the outbreak to constitute a "Public Health Emergency of International Concern". The COVID-19 outbreak is disrupting supply chains and affecting production and sales across a range of industries. The extent of the impact of COVID-19 on our operational and financial performance will depend on certain developments, including the duration and spread of the outbreak and impact on our employees and vendors, all of which are uncertain and cannot be predicted. At this point, the extent to which COVID-19 may impact our financial condition or results of operations is uncertain.

SUPPORTING SCHEDULES

## SCHEDULE OF SURETY BONDS

## June 30, 2020

NAME AND POSITION	SURETY	Y SERIAL NUMBER		AMOUNT	
Directors:					
Brad Stevens, President	Western Surety	18117508	\$	20,000	
Jack Savely, Vice President	Western Surety	18117508	\$	20,000	
Dr. L. J. Goodgame, Secretary	Western Surety	18117508	\$	20,000	
Tim Rakestraw, Treasurer	Western Surety	18117508	\$	20,000	
	Travelers Casualty & Surety	107076814	\$	50,000	
Fredrick Bowen	Western Surety	18117508	\$	20,000	
Joe Brooks	Western Surety	18117508	\$	20,000	
Julian Chancellor	Western Surety	18117508	\$	20,000	
Ken Cooley	Western Surety	18117508	\$	20,000	
Joe Duncan	Western Surety	18117508	\$	20,000	
Jerry Mack Etheridge	Western Surety	18117508	\$	20,000	
James Granger	Western Surety	18117508	\$	20,000	
Thomas Guin	Western Surety	18117508	\$	20,000	
Keith Herring	Western Surety	18117508	\$	20,000	
Mike Huddleston	Western Surety	18117508	\$	20,000	
Peggy Jolly	Western Surety	18117508	\$	20,000	
Perry R. Lucas	Western Surety	18117508	\$	20,000	
Jerry D. Keith	Western Surety	18117508	\$	20,000	
Sandy Mitchell	Western Surety	18117508	\$	20,000	
Rayburn Parks	Western Surety	18117508	\$	20,000	
Larry Pugh	Western Surety	18117508	\$	20,000	
Hal Swann	Western Surety	18117508	\$	20,000	
Ben Vanderford	Western Surety	18117508	\$	20,000	
Paul Vickers	Western Surety	18117508	\$	20,000	
Steve Wallace	Western Surety	18117508	\$	20,000	
Wesley Webb	Western Surety	18117508	\$	20,000	
Richard M. Whitfield	Western Surety	18117508	\$	20,000	
Walt Willis	Western Surety	18117508	\$	20,000	
Employees:					
David Kennard, Executive Director		18117508		20,000	
	Travelers Casualty & Surety		•	5,000	
All other employees	Western Surety	18117508	\$	20,000	

## CASH BASIS SCHEDULE OF PER DIEM AND TRAVEL PAID TO BOARD MEMBERS

NAME	PER DIEM	TRAVEL	TOTAL
Fredrick Bowen	\$ 40	38	\$ 78
Joe Brooks	120	228	348
Jullian W. Chancellor, Jr.	400	617	1,017
Kenneth S. Cooley	200	396	596
Joe Duncan	160	271	431
Jerry Mack Etheridge	80	100	180
Robert A. Godfrey	360	108	468
Dr. L. J. Goodgame	1,360	5,266	6,626
James E. Granger	560	3,411	3,971
Thomas Guin	240	101	341
Keith Herring	40	17	57
Mike Huddleston	40	44	84
Tommy Johnson	80	170	250
Peggy Jolly	880	4,797	5,677
Jerry D. Keith	840	982	1,822
Sandy Mitchell	440	557	997
Rayburn Parks	600	609	1,209
Stanley D. Pulliam	: <del>#</del> >		-
Tim Rakestraw	720	381	1,101
Jack Savely	1,120	4,662	5,782
Ralph Smith	80	86	166
Brad Stevens	1,200	2,162	3,362
Paul Vickers	80	86	166
Steve Wallace	120	) 44	164
Wesley Webb	720	1,503	2,223
Richard M. Whitfield	160	29	189
Walton Willis	640	3,844	4,484
	\$ 11,280	30,509	\$ 41,789

## **SCHEDULE 3**

## TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

## SCHEDULE OF CHANGES IN LAND AND OTHER PROJECT COSTS

		BALANCE 6/30/2019		NET CREASE CCREASE)		BALANCE 6/30/2020
PROJECTS OF A LOCAL NATURE:						
Alcorn County	\$	687,719	\$	61,481	\$	749,200
Chickasaw County		492,468				492,468
Clay County		681,054		-		681,054
Itawamba County		350,583		8,400		358,983
Kemper County		379,319				379,319
Lee County		1,635,155		39,589		1,674,744
Lowndes County		1,799,383		16,180		1,815,563
Monroe County		1,156,406		142,030		1,298,436
Noxubee County		439,090		18. In		439,090
Pontotoc County		489,277		1 05		489,277
Prentiss County		412,251		33,394		445,645
Tishomingo County		329,828	_	47,066	_	376,894
Total projects of a local nature	_	8,852,533	_	348,140	_	9,200,673
DISTRICT PROJECTS:						
Alcorn County		882,512		30,478		912,990
Chickasaw County		1,328,169		53,657		1,381,826
Clay County		870,954		38,230		909,184
Itawamba County		1,686,424		96,993		1,783,417
Kemper County		684,033		27,789		711,822
Lee County		2,210,808		78,279		2,289,087
Lowndes County		2,049,331		52,188		2,101,519
Monroe County		685,636		31,971		717,607
Noxubee County		384,902		40,322		425,224
Pontotoc County		820,994		38,238		859,232
Prentiss County		837,248		3,00		837,248
Tishomingo County		787,342		64,108		851,450
Non-designated expenditures		3,732,138	-	17,356	_	3,749,494
Total district projects	_	16,960,491		569,609	_	17,530,100
Items reclassified as buildings, land and equipment		(1,333,036)		•	_	(1,333,036)
Totals	\$	24 <u>,479</u> ,988	\$	917,749	\$	25 <u>,3</u> 97 <u>,</u> 737

## **SCHEDULE 4**

## TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

## SCHEDULE OF TAX REVENUE FROM MEMBER COUNTIES

			INCREASE/		
		CASH BASIS	(DECREASE) IN RECEIVABLE		ACCRUAL BASIS
Alcorn County	\$	93,866	4,470	\$	98,336
Chickasaw County		103,833	863		104,696
Clay County		129,039	158		129,197
Itawamba County		39,609	-		39,609
Kemper County		41,840			41,840
Lee County		289,423	(14,994)		274,429
Lowndes County		335,161	1,455		336,616
Monroe County		196,111	(9,095)		187,016
Noxubee County		43,270	1,122		44,392
Pontotoc County		173,694	1,635		175,329
Prentiss County		65,075	488		65,563
Tishomingo County	_	167,366	1,746	,	169,112
Total	\$	1,678,287	\$ (12,152)	\$	1,666,135

## SCHEDULE 5

## TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT

## STATUS OF FUNDS FOR PROJECTS OF A LOCAL NATURE

June 30, 2020

	C	OTAL FUNDS OMMITTED ITHROUGH 6/30/2019	COM YEA	DITIONAL IMITMENT AR ENDED 6/30/2020		TOTAL ISBURSED THROUGH 6/30/2020	<u>D</u>	TOTAL TO BE ISBURSED
Alcorn County	\$	810,498	\$	43,015	\$	749,200	\$	104,313
Chickasaw County		502,500		39,465		492,468	·	49,497
Clay County		722,770		48,970		681,054		90,686
Itawamba County		418,471		22,986		358,983		82,474
Kemper County		447,577		21,630		379,319		89,888
Lee County		1,919,967		138,313		1,674,744		383,536
Lowndes County		2,049,985		150,748		1,815,563		385,170
Monroe County	11.1	1,435,442		80,104		1,298,436		217,110
Noxubee County		484,525		23,987		439,090		69,422
Pontotoc County		541,766		53,491		489,277		105,980
Prentiss County		467,783		32,882		445,645		55,020
Tishomingo County	-	442,881		44,409		376,894	_	110,396
	\$	10,244,165	\$	700,000	<u>\$</u>	9,200,673	\$	1,743,492

#### SCHEDULE OF REQUIRED SUPPLEMENTARY INFORMATION-PENSIONS

#### Last 7 Fiscal Years\*

Schedule of the District's Proportionate Share of the Net Pension Liability

	2020	2019	2018	2017	2016	2015	2014
District's proportion of the net pension liabilit	0.011%	0.010%	0.010%	0.010%	0.010%	0.011%	0.011%
District's porportionate share of the net pension liability	\$ 1,935,997	\$ 1,601,256	\$ 1,690,932	\$ 1,706,226	\$ 1,617,064	\$ 1,340,661	\$ 1,533,159
District's covered-employee payroll	\$ 756,519	\$ 716,717	\$ 614,750	\$ 652,528	\$ 611,061	\$ 653,533	\$ 674,904
District's proportionate share of the net pension liability percentage of its covered- employee payroll	255.91%	223.42%	275.06%	261.48%	264.63%	205.14%	227.17%
Plan fiduciary net position as a percentage of the total pension liability	61.59%	62.54%	61.49%	57.47%	61.70%	67.21%	61.02%

<sup>\*-</sup>The amounts presented for each fiscal year were determined as of 6/30

Schedule of District Contributions - PERS

		Scheuur	01	District	Onti	i ibutions -	IL	No.					
	D-	2020		2019		2018	1	2017		2016		2015	2014
Contractually required contribution	\$	131,635	\$	112,882	\$	96,823	\$	102,773	\$	96,243	\$	102,931	\$ 106,297
Contributions in relation to the contractually required contribution	OV.	(131,635)	_	(112,882)	5	(96,823)		(102,773)	_	(96,243)	_	(102,931)	(106,297)
Contribution deficiency (excess)	\$	_	\$	-	\$	_	\$	-	\$		\$	_	\$
District's covered-employee payroll	\$	756,519	\$	716,717	\$	614,750	\$	652,528	\$	611,061	\$	653,533	\$ 674,904
Contributions as a percentage of covered- employee payroll		17.40%		15.75%		15.75%		15.75%		15.75%		15.75%	15.75%

The accompanying notes to required supplementary information are an integral part of these schedules.

## SCHEDULE OF REQUIRED SUPPLEMENTARY INFORMATION-OPEB

#### Last 4 Fiscal Years\*

Schedule of the District's Proportionate Share of the Net OPEB Liability

	 2020	2019	2018		2017
District's proportion of the net OPEB liability	0.0120%	0.0109%	0.0122%		0.0124%
District's porportionate share of the net OPEB liability	\$ 102,057	\$ 84,514	\$ 95,891 \$	S	101,078
District's covered-employee payroll	\$ 756,519	\$ 716,717	\$ 614,750 \$	S	652,528
District's proportionate share of the net OPEB liability as a percentage of its covered-employee payroll	13.49%	11.79%	15.60%		15.49%
Plan fiduciary net position as a percentage of the total pension liability	0.12%	0.13%	0.00%		0.00%

<sup>\*-</sup>The amounts presented for each fiscal year were determined as of 6/30

#### **Schedule of District Contributions - OPEB**

Beneduc of District Contr	Dutions	<u> </u>					
	¥		2020	2019		2018	2017
Contractually required contribution		\$	62,924	\$ 62,847	\$	51,601	\$ 57,767
Contributions in relation to the contractually required contribution		-	(62,924)	(62,847)	<u> </u>	(51,601)	(57,767)
Contribution deficiency (excess)		\$		\$ 	\$	- <u>-</u> [	\$ -
District's covered-employee payroll		\$	756,519	\$ 716,717	\$	614,750	\$ 652,528
Contributions as a percentage of covered- employee payroll			8.32%	8.77%		8.39%	8.85%

#### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION

June 30, 2020

#### NOTE 1. PENSION SCHEDULES

#### **CHANGES IN BENEFIT TERMS**

- 2016
  - o Effective July 1, 2016, the interest rate on employee contributions shall be calculated based on the money market rate as published by the Wall Street Journal on December 31 of each preceding year with a minimum rate of one percent and a maximum rate of five percent.

#### **CHANGES IN ASSUMPTIONS**

- 2019
  - o The expectations of retire life mortality was changed to the PubS.H-2020(B) Retiree Table with the following adjustments:
    - For males, 112% of male rates from ages 18 to 75 scaled down to 105% for ages 80 to 119.
    - For females, 85% of the female rates from ages 18 to 65 scaled up to 102% for ages 75 to 119.
    - Projection scale MP-2018 will be used to project future improvements in life expectancy generationally.
  - O The expectation of disabled mortality was changed to PubT.H-2010 Disabled Retiree Table for disabled retirees with the following adjustments:
    - For males, 137% of male rates at all ages.
    - For females, 115% of female rates at all ages
    - Projection scale MP-2018 will be used to project future improvements in life expectancy generationally.
  - o The price inflation assumption was reduced from 3.00% to 2.75%
  - o The wage inflation assumption was reduced from 3.25% to 3.00%
  - O Withdrawal rates, pre-retirement mortality rates, and service retirement rates were also adjusted to more closely reflect actual experience.
  - O The percentage of active member disabilities assumed to be in the line of duty was increased from 7% to 9%.
- 2017
  - The expectation of retired life mortality was changed to the RP-2014 Healthy Annuitant Blue Collar Mortality Table projected with Scale BB to 2022. Small adjustments were also made to the Mortality Table for disabled lives.
  - o The wage inflation assumption was reduced from 3.75% to 3.25%.
  - O Withdrawal rates, pre-retirement mortality rates, disability rates and service retirement rates were also adjusted to more closely reflect actual experience.
  - O The percentage of active member disabilities assumed to be in the line of duty was increased from 6% to 7%.
- 2016
  - o The assumed rate of interest credited to employee contributions was changed from 3.50% to 2.00%.

#### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION – (Continued)

#### **NOTE 1. PENSION SCHEDULES** – (Continued)

- 2015
  - O The expectation of retired life mortality was changed to the RP-2014 Healthy Annuitant Blue Collar Table projected to 2016 using Scale BB rather than the RP-2000 Mortality Table, which was used prior to 2015.
  - o The expectation of disabled mortality was changed to the RP-2014 Disabled Retiree Table, rather than the RP-2000 Disabled Mortality Table, which was used prior to 2015.
  - o Withdrawal rates, pre-retirement mortality rates, disability rates and service retirement rates were also adjusted to more closely reflect actual experience.
  - o Assumed rates of salary increase were adjusted to more closely reflect actual and anticipated experience.
  - o The price inflation and investment rate of return assumptions were changed from 3.50% to 3.00% and 8.00% to 7.75%, respectively.

## CHANGES IN SIZE OR COMPOSITION OF THE POPULATION COVERED BY THE BENEFIT TERMS None identified during periods presented in the required supplementary information.

## METHOD AND ASSUMPTIONS USED IN CALCULATIONS OF ACTUARIALLY DETERMINED CONTRIBUTIONS

The actuarially determined contribution rates in the schedule of employer contributions are calculated as of June 30, two years prior to the end of the fiscal year in which contributions are reported (June 30, 2017 valuation for the June 30, 2019 fiscal year end). The following actuarial methods and assumptions were used to determined the most recent contribution rate reported in that schedule:

Actuarial cost method Entry age

Amortization method Level percentage of payroll, open

Remaining amortization peri- 38.4 years

od

Asset valuation method 5-year smoothed market

Price inflation 3.00 percent

Salary increase 3.25 percent to 18.50 percent, including inflation

Investment rate of return 7.75 percent, net of pension plan investment expense, including

inflation

#### NOTE 2. OPEB SCHEDULES

#### **CHANGES IN BENEFIT TERMS**

- 2017
  - o None
- 2018
  - o None
- 2019
  - O None identified during periods presented in the required supplementary information

## **NOTES TO REQUIRED SUPPLEMENTARY INFORMATION** – (Continued)

### **NOTE 2. OPEB SCHEDULES** – (Continued)

## CHANGES OF ACTUARIAL ASSUMPTIONS AND METHODS

- 2017
  - o The discount rate was changed from 3.01% for the prior Measurement Date to 3.56% for the current Measurement Date.
- 2018
  - o The discount rate was changed form 3.56% for the prior Measurement Date to 3.89% for the current Measurement Date.
- 2019
  - o The discount rate was changed from 3.89% for the prior Measurement Date to 3.50% to the current Measurement Date.

## $\frac{\text{METHODS AND ASSUMPTIONS USED IN CALCULATIONS OF ACTUARIALLY DETERMINED CONTRIBUTIONS}}{\text{TRIBUTIONS}}$

The following actuarial methods and assumptions (from the June 30, 2018 actuarial valuation) were used to determine contribution rates reported for the year ending June 30, 2019:

•	Actuarial cost method	Entry age
•	Amortization method	Level dollar
•	Amortization period	30 years, open
•	Asset valuation method	Market Value of Assets
•	Price inflation	3.00%
•	Salary increases, including wage inflation	3.25% to 18.50%
•	Initial health care cost trend rates	
	o Medicare Supplement Claims-pre Medicare	7.25%
•	Ultimage health care cost trend rates	
	o Medicare Supplement Claims-pre Medicare	4.75%
•	Year of ultimate trend rates	
	<ul> <li>Medicare Supplement Claims-pre Medicare</li> </ul>	2028
•	Long term investment rate of return, net of pension	
	Plan investment expense, including price inflation	3.89%



#### CERTIFIED PUBLIC ACCOUNTANTS

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#### INDEPENDENT AUDITORS' 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

Board of Directors Tombigbee River Valley Water Management District Tupelo, Mississippi

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 Tombigbee River Valley Water Management District, a component unit of the State of Mississippi, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Tombigbee River Valley Water Management District's basic financial statements, and have issued our report thereon dated September 16, 2020.

#### **Internal Control Over Financial Reporting**

In planning and performing our audit, we considered Tombigbee River Valley Water Management District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Tombigbee River Valley Water Management District's internal control. Accordingly, we do not express an opinion on the effectiveness of Tombigbee River Valley Water Management 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 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 may exist that have not been identified.

## **Compliance and Other Matters**

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

### **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.

Amory, Mississippi September 16, 2020

Nail Mc Kinney Professional Association