



OHIO AUDITOR OF STATE
KEITH FABER



**SOUTHWEST REGIONAL WATER DISTRICT
BUTLER COUNTY**

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INDEPENDENT AUDITOR'S REPORT

Southwest Regional Water District
Butler County
3640 Old Oxford Road
Hamilton, Ohio 45013

To the Board of Trustees:

Report on the Financial Statements

We have audited the accompanying financial statements of the Southwest Regional Water District, Butler County, Ohio (the District), as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for preparing and fairly presenting these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes designing, implementing, and maintaining internal control relevant to preparing and fairly presenting financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to opine on these financial statements based on our audit. We audited in accordance with auditing standards generally accepted in the United States of America and the financial audit standards in the Comptroller General of the United States' *Government Auditing Standards*. Those standards require us to plan and perform the audit to reasonably assure the financial statements are free from material misstatement.

An audit requires obtaining evidence about financial statement amounts and disclosures. The procedures selected depend on our judgment, including assessing the risks of material financial statement misstatement, whether due to fraud or error. In assessing those risks, we consider internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not to the extent needed to opine on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of management's accounting policies and the reasonableness of their significant accounting estimates, as well as our evaluation of the overall financial statement presentation.

We believe the audit evidence we obtained is sufficient and appropriate to support our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Southwest Regional Water District, Butler County, Ohio, as of December 31, 2018, and the changes in financial position and its cash flows thereof for the year then ended in accordance with the accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note C to the financial statements, during 2018, the District adopted new accounting guidance in Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The District also disclosed accounting changes from prior reporting periods in Note C. We did not modify our opinion regarding these matters.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require this presentation to include *management's discussion and analysis* and schedules of net pension and other post-employment benefit liabilities and pension and other post-employment benefit contributions listed in the table of contents, to supplement the basic financial statements. Although this information is not part of the basic financial statements, the Governmental Accounting Standards Board considers it essential for placing the basic financial statements in an appropriate operational, economic, or historical context. We applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, consisting of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, to the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not opine or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to opine or provide any other assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 4, 2019, on our consideration of the District's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. That report describes the scope of our internal control testing over financial reporting and compliance, and the results of that testing, and does not opine on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.



Keith Faber
Auditor of State

Columbus, Ohio

October 4, 2019

Management Discussion and Analysis (Unaudited)

Southwest Regional Water District (the "District") is providing this discussion and analysis for our customers, creditors and others of interest, as a general overview of the District and its financial activities.

Financial Highlights

- The total assets and deferred outflows of the District exceeded total liabilities and deferred inflows on December 31, 2018 by \$38.1 million.
- The District's net position increased \$0.7 million in 2018.
- The District's Operating Revenues increased by \$0.08 million and 1.0% in 2018. Operating expenses increased \$0.58 million and 8.7% in 2018.
- Bonded and debt obligations decreased by \$3.77 million as the District extinguished revenue bonds of \$3.0 million during 2018.

Overview of Basic Financial Statements

The District is a single enterprise fund using proprietary fund accounting, similar to private sector business. The Basic Financial Statements are presented using the accrual basis of accounting.

The Statement of Net Position includes all the District's assets and deferred outflows and liabilities and deferred inflows. This statement provides information about the nature and amounts of investments in resources owned by the District (assets), and obligations owed by the District (liabilities). The District's net position (equity) is the difference between assets and liabilities.

The Statement of Revenues, Expenses, and Changes in Net Position provides information on the District's operations over the past year and the success of recovering its costs through user fees, charges and assessments, and other income.

The Statement of Cash Flows presents information about the District's cash receipts and disbursements from operating, investing and financing activities. The statement summarizes how the cash was provided, cash uses, and changes in the balances during the year.

Management Discussion and Analysis (Continued)
(Unaudited)

Table 1 summarizes, in millions, the Net Position of the District. Capital Assets are reported less accumulated depreciation. Invested in Capital, Net of Debt are Capital Assets less outstanding debt that was used to acquire those assets.

Table 1

	<u>2018</u>	<u>2017, As Restated</u>	<u>\$ Change Amount</u>	<u>% Change</u>
Assets				
Current and Other Assets	\$ 8.04	\$ 10.67	\$ (2.63)	-24.6%
Net Capital Assets	<u>41.11</u>	<u>40.59</u>	<u>0.52</u>	<u>1.3%</u>
Total Assets	49.15	51.26	(2.11)	-4.1%
Deferred Outflows of Resources	<u>0.71</u>	<u>1.50</u>	<u>(0.79)</u>	<u>-52.5%</u>
Total Assets and Deferred Outflows of Resources	<u>\$ 49.86</u>	<u>\$ 52.76</u>	<u>\$ (2.90)</u>	<u>-5.5%</u>
Liabilities				
Current and Other Liabilities	\$ 1.52	\$ 2.09	\$ (0.57)	-27.4%
Long-term Liabilities	<u>9.46</u>	<u>13.16</u>	<u>(3.70)</u>	<u>-28.1%</u>
Total Liabilities	10.98	15.25	(4.27)	-28.0%
Deferred Inflows of Resources	<u>0.73</u>	<u>0.11</u>	<u>0.62</u>	<u>563.6%</u>
Total Liabilities and Deferred Inflows of Resources	11.71	15.36	(3.65)	-23.7%
Net Position				
Invested in Capital, net of debt	34.71	29.79	4.92	16.5%
Restricted for Debt Service	1.00	1.78	(0.78)	-43.6%
Unrestricted	<u>2.44</u>	<u>5.83</u>	<u>(3.39)</u>	<u>-58.2%</u>
Total Net Position	<u>38.15</u>	<u>37.40</u>	<u>0.75</u>	<u>2.0%</u>
Total Liabilities and Deferred Inflows of Resources and Net Position	<u>\$ 49.86</u>	<u>\$ 52.76</u>	<u>\$ (2.90)</u>	<u>-5.5%</u>

Management Discussion and Analysis (Continued)
(Unaudited)

Along with bonded debt obligations, the net pension liability represents one of the largest obligations reported by the District at December 31, 2018 and is reported pursuant to Governmental Accounting Standards Board (GASB) Statement 68, "*Accounting and Financial Reporting for Pensions-an Amendment of GASB Statement 27.*" For fiscal year 2018, the District adopted GASB Statement 75, "*Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions,*" which significantly revises accounting for costs and liabilities related to other postemployment benefits ("OPEB"). For reasons discussed below, many end users of this financial statement will gain a clearer understanding of the District's actual financial condition by adding deferred inflows related to pension and OPEB, the net pension liability and the net OPEB liability to the reported net position and subtracting deferred outflows related to pension and OPEB.

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

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

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

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

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

Most long-term liabilities have set repayment schedules or, in the case of compensated absences (i.e. sick and vacation leave), are satisfied through paid time-off or termination payments. There is no repayment schedule for the net pension liability or the net OPEB liability. As explained above, changes in benefits, contribution rates, and return on investments affect the balance of these liabilities but are outside the control of the local government. In the event that contributions, investment returns, and other changes are insufficient to keep up with required payments, State statute does not assign/identify the responsible party for the unfunded portion. Due to the unique nature of how the net pension liability and the net OPEB liability are satisfied, these liabilities are separately identified within the long-term liability section of the statement of net position.

Management Discussion and Analysis (Continued)
(Unaudited)

In accordance with GASB 68 and GASB 75, the District's statements prepared on an accrual basis of accounting include an annual pension expense and an annual OPEB expense for their proportionate share of each plan's change in net pension liability and net OPEB liability, respectively, not accounted for as deferred inflows/outflows.

As a result of implementing GASB 75, the District is reporting a net OPEB liability and deferred inflows/outflows of resources related to OPEB on the accrual basis of accounting. This implementation also had the effect of restating net position at December 31, 2017, which decreased by \$0.45 million.

Additional information regarding net pension and OPEB obligations can be found in **Note H** and **Note I** to the financial statements.

Other key highlights include:

- The decline in Current and Other Assets was primarily caused by the extinguishment of \$3.0 million of long-term revenue bonds.
- The Liquidity Ratio, otherwise known as the Current Ratio, as of the close of 2018 was 5.3.
- The District's Net Position is primarily committed to Investments in Capital Assets, Net of Debt at 91.0%. Net Position is also comprised of Restricted for Debt Service at 2.6% and Unrestricted at 6.4%.

Management Discussion and Analysis (Continued)
(Unaudited)

Table 2 summarizes, in millions, the changes in revenues, expenses and the resulting change in net position.

Table 2

	<u>2018</u>	<u>2017, As Restated</u>	<u>\$ Change Amount</u>	<u>% Change</u>
Operating Revenues	\$ 8.02	\$ 7.94	\$ 0.08	1.0%
Operating Expenses	\$ 4.40	\$ 4.03	\$ 0.37	9.2%
Maintenance Expenses	0.89	0.92	(0.03)	-3.3%
Depreciation Expense	1.94	1.70	0.24	14.1%
Total Expenses	7.23	6.65	0.58	8.7%
Operating Income	0.79	1.29	(0.50)	-38.9%
Non-operating revenues	0.63	0.65	(0.02)	-1.5%
Non-operating expenses	(0.67)	(0.87)	0.20	-23.0%
Change in Net Position	0.75	1.07	(0.32)	-29.0%
Net Position at Beginning of Year	37.40	36.33	1.07	2.9%
Net Position at End of Year	\$ 38.15	\$ 37.40	\$ 0.75	2.0%

Key highlights include:

- Total operating revenues increased \$0.08 million or 1.0% in 2018 as water sales, fees and miscellaneous revenue slightly increased.
- The average customer paid \$39.13 per month based upon 5,080 gallons of water consumption.
- The operating ratio for 2018 was 1.11, as operating revenues exceeded operating expenses by \$0.79 million.
- Non-operating revenues include special assessments and interest income.
- Net position increased by \$0.75 million or 2.0% in 2018.

Management Discussion and Analysis (Continued)
(Unaudited)

Capital Assets

A summary, in millions, of the District's capital assets is shown in Table 3.

Table 3

	<u>2018</u>	<u>2017, As Restated</u>	<u>\$ Change Amount</u>	<u>% Change</u>
Water, Production, Treatments and Distribution Systems, net	\$ 34.35	\$ 32.59	\$ 1.76	5.4%
Building, Office and Equipment, net	1.74	1.73	0.01	0.6%
Land	1.66	1.66	-	0.0%
Construction in Progress	<u>3.36</u>	<u>4.60</u>	<u>(1.24)</u>	<u>-27.0%</u>
 Net Capital Assets	 <u>\$ 41.11</u>	 <u>\$ 40.59</u>	 <u>\$ 0.52</u>	 <u>1.3%</u>

Key highlights include:

- Depreciable capital asset additions outweighed retirements, disposals and depreciation during 2018 by \$0.56 million.
- There was no land acquired during 2018.
- The District completed \$2.35 million of construction in progress during 2018 and has remaining construction in progress of \$3.36 million as of December 31, 2018.
- Depreciation recorded in 2018 was \$1.94 Million.
- Net capital assets are comprised of 83.6% water production, treatment and distribution systems, 8.2% construction in progress, 4.2% building, office and equipment and 4.0% land.

Additional information can be found in **Note F** to the financial statements.

Management Discussion and Analysis (Continued)
(Unaudited)

Debt

Table 4, summarizes, in millions, the District's long-term bonded debt and other obligations. The District has utilized long term debt to finance major capital improvement projects. Revenue bonds are the most common financing instrument for capital improvement projects. In the past, special assessment bonds have been utilized to finance projects which extended water service into new service areas.

Table 4

Description	2018	2017, As Restated	\$ Change Amount	% Change
USDA, Rural Development Bonds	\$ 1.73	\$ 1.84	\$ (0.11)	-6.0%
Revenue Bonds	2.85	6.03	(3.18)	-52.7%
Special Assessment Bonds	0.77	1.24	(0.47)	-37.9%
OPWC Loan	1.03	1.04	(0.01)	-1.0%
Bonded Debt and Loan Obligations	6.38	10.15	(3.77)	-37.1%
Other Long-term Obligations				
Bond issuance - premium and refunding	0.01	(0.25)	0.26	-104.0%
Net pension liability	2.36	3.50	(1.14)	-32.6%
Net OPEB liability	1.53	1.42	0.11	7.7%
Net Total Long-term Debt	<u>\$ 10.28</u>	<u>\$ 14.82</u>	<u>\$ (4.54)</u>	<u>-30.6%</u>

Key highlights include:

- Bonded debt and loan obligations decreased by 37.1% from 2017 to 2018 as a result of scheduled principal payments, accelerated principal payments and no newly issued debt.
- \$3.0 million of principal was accelerated and paid in 2018, eliminating future interest of \$0.07 Million.
- Debt covenants were met in 2018 and 2017.
- The 2011 and 2013 Revenue Bonds were assigned an Aa3 rating by Moody's Investors Services.
- Net pension liability decreased due to the improved financial condition of OPERS.

Additional information can be found in **Note G** to the financial statements.

Management Discussion and Analysis (Continued)
(Unaudited)

Economic Factors

The District has budgeted an increase of \$1.08 million in net position for the year ending December 31, 2019. Additional customer revenues, and connection fees, along with continued containment of operating and maintenance expenses will contribute to this increase. Approval has been received from the Ohio Public Works Commission for Issue I grants for continued improvements of the District's water tanks and mains.

Contact Information

Questions regarding this report and requests for additional information should be forwarded to the General Manager, Southwest Regional Water District, 3640 Old Oxford Road, Hamilton, OH 45013.

Southwest Regional Water District
Statement of Net Position
December 31, 2018

Assets

Current Assets	
Cash, cash equivalents and investments	\$ 4,736,084
Accounts receivable (net of allowance for doubtful accounts of \$155,841)	531,795
Special assessments receivable, current	128,759
Interest receivable	210,688
Other receivables	439,830
Inventory	648,360
Prepaid expenses	<u>52,825</u>
Total Current Assets	6,748,341
Capital Assets	
Non-depreciable capital assets	5,021,754
Depreciable capital assets, net	<u>36,086,688</u>
Net Capital Assets	41,108,442
Other Assets	
Restricted cash, cash equivalents and investments	1,003,786
Special assessments receivable, long-term	<u>290,580</u>
Total Other Assets	1,294,366
Deferred Outflows of Resources	
Deferred charges	70,359
Pension	530,815
OPEB	<u>112,456</u>
Deferred Outflows of Resources	<u>713,630</u>
Total Assets and Deferred Outflows	<u><u>\$ 49,864,779</u></u>

See accompanying notes to the basic financial statements.

**Southwest Regional Water District
Statement of Net Position (Continued)
December 31, 2018**

Liabilities

Current Liabilities

Current maturities of long-term obligations	\$ 846,889
Accounts payable	407,717
Accrued liabilities	112,701
Tenant deposits	82,642
Accrued interest	<u>68,936</u>

Total Current Liabilities 1,518,885

Long-term Liabilities

Deferred revenue	20,586
Long-term obligations	5,541,571
Net pension liability	2,364,858
Net OPEB liability	<u>1,528,158</u>

Total Long-term Liabilities 9,455,173

Total Liabilities 10,974,058

Deferred Inflows of Resources

Pension	575,838
OPEB	<u>154,083</u>

Deferred Inflows of Resources 729,921

Net Position

Invested in capital assets, net of related debt	34,719,982
Restricted for debt service	1,003,786
Unrestricted	<u>2,437,032</u>

Total Net Position 38,160,800

Total Liabilities, Deferred Inflows of
Resources and Net Position \$ 49,864,779

See accompanying notes to the basic financial statements.

Southwest Regional Water District
Statement of Revenues, Expenses, and Changes in Net Position
Year Ended December 31, 2018

Operating Revenue	
Metered water sales to customers	\$ 7,244,473
Sale of new taps	456,452
Penalties	142,134
Miscellaneous	<u>178,246</u>
Total Operating Revenues	8,021,305
Operating Expenses	
Operations	4,404,960
Maintenance	892,242
Depreciation	<u>1,937,627</u>
Total Operating Expenses	<u>7,234,829</u>
Operating Income	786,476
Non-operating Revenue (Expense)	
Intergovernmental	477,464
Interest income	164,483
Interest expense and fiscal charges	(623,193)
Other non-operating revenue (expense), net	<u>(42,512)</u>
Net Non-operating Revenue (Expense)	<u>(23,758)</u>
Change in Net Position	762,718
Net Position Beginning of Year, as restated	<u>37,398,082</u>
Net Position End of Year	<u><u>\$ 38,160,800</u></u>

See accompanying notes to the basic financial statements.

Southwest Regional Water District
Statement of Cash Flows
Year Ended December 31, 2018

Cash Flows from Operating Activities	
Receipts from customers	\$ 7,867,628
Receipts from others	178,246
Payments to suppliers and vendors	(2,370,649)
Payments to employees	<u>(2,447,997)</u>
Net Cash Provided by Operating Activities	3,227,228
Cash Flows from Capital and Related Financing Activities	
Proceeds from capital grants	37,634
Acquisition and construction of capital assets	(2,501,832)
Payments on borrowings	(3,793,343)
Proceeds from debt issuance	31,768
Collections on special assessments	447,344
Interest paid	<u>(369,398)</u>
Net Cash Used in Capital Financing Activities	(6,147,827)
Cash Flows from Noncapital Financing Activities	
Other non-operating revenue	<u>2,158</u>
Cash Provided by Noncapital Financing Activities	2,158
Cash Flows from Investing Activities	
Interest received	<u>113,011</u>
Cash Provided by Investing Activities	<u>113,011</u>
Net Decrease in Cash and Cash Equivalents	(2,805,430)
Cash, Cash Equivalents and Investments January 1, 2018	<u>8,545,300</u>
Cash, Cash Equivalents and Investments, December 31, 2018	<u>\$ 5,739,870</u>
Reconciliation to the Statement of Net Position	
Restricted cash, cash equivalents and investments	\$ 1,003,786
Cash, cash equivalents and investments	<u>4,736,084</u>
Cash, Cash Equivalents and Investments, December 31, 2018	<u>\$ 5,739,870</u>

See accompanying notes to the basic financial statements.

Southwest Regional Water District
Statement of Cash Flows (Continued)
Year Ended December 31, 2018

Reconciliation of Change in Net Assets to Net Cash

Provided by Operating Activities

Operating income	\$ 786,476
Adjustments to reconcile operating income to net cash from operating activities	
Depreciation expense	1,937,627
Changes in	
Accounts receivable	96,200
Prepaid expenses	(1,787)
Inventory	(231,842)
Deferred charges	94,860
Deferred revenue	(80,273)
Accounts payable	231,592
Accrued liabilities	104,981
Tenant deposits	8,642
Deferred outflows - pension	805,420
Deferred outflows - OPEB	(112,456)
Net pension liability	(1,139,306)
Net OPEB liability	107,040
Deferred inflows - pension	465,971
Deferred inflows - OPEB	<u>154,083</u>
Total Adjustments	<u>2,440,752</u>
Net Cash Provided by Operating Activities	<u><u>\$ 3,227,228</u></u>

See accompanying notes to the basic financial statements.

**Southwest Regional Water District
Notes to Financial Statements
Year Ended December 31, 2018**

Note A - Nature of Organization

Southwest Regional Water District (hereafter referred to as the District) was created September 1, 1992 by the Court of Common Pleas of Butler County, Ohio to provide water services to the residents of Butler County in accordance with the provisions of Section 6119.01 of the Ohio Revised Code (ORC). The District is managed by a Board consisting of nine (9) trustees.

Note B - Summary of Significant Accounting Policies

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

1. Basis of Presentation - Fund Accounting: The accounts of the District are organized on the basis of funds, to report on its financial position and the results of its operations, each of which is considered a separate accounting entity. The District utilizes a single type of fund and a single fund within that fund type. The fund is accounted for by a separate set of self-balancing accounts that comprise its assets, liabilities, net position, revenues, and expenses. This fund accounts for the governmental resources allocated to it for the purpose of carrying on specific activities in accordance with laws, regulations or other restrictions. The fund type, which the District uses, is described below:
 - Proprietary Fund Type - This fund type accounts for operations that are organized to be self-supporting through user charges. The fund included in this category used by the District is the Enterprise Fund.
 - Enterprise Fund - This fund is established to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is those costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.
2. Basis of Accounting: The financial statements of the District are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when liability is incurred, regardless of the timing of cash flows. GASB is the accepted standard-setting body for establishing governmental accounting and financial principles.
3. Budgetary Process: Annually, the District adopts an operating budget. The annual budget is adopted and continues in effect until a new or amended budget is adopted. Based on the definitions for a legal adoption of a budget under both the ORC and GASB, a schedule or statement for the budget to actual results is not required to be presented for the District's basic financial statements.
4. Operating Revenues and Expenses: Operating revenues are those revenues that are generated directly from charges for metered water sales and other services. Operating expenses are necessary costs incurred to provide the goods or services that are the primary activity of the District.
5. Accounts Receivable: Accounts receivable are shown at their net realizable value. The District has set up an allowance for doubtful accounts for 2018. Amounts determined to potentially be uncollectible are set up as an allowance and a corresponding entry to an expense account is recorded during the year that the accounts are determined to be potentially uncollectible. A percentage of revenues based on the amount of accounts sent to collections is used to determine the allowance.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note B - Summary of Significant Accounting Policies (Continued)

6. Restricted Assets: Certain resources are set aside for the repayment of loans and as such are classified as restricted assets on the statement of net position because the use is limited by applicable security interests. The restricted assets are used for assuring payment of future principal and interest.
7. Capital Assets: Capital asset costs are stated at their historical cost and are depreciated over the estimated useful lives of the assets up to 40 years depending upon the type of asset. In addition, beginning in 1978, the District adopted the policy of including payroll costs, overhead expenses and interest costs incurred during the construction of the water system in the capital asset balance. Once construction is complete and a project is operational, depreciation begins on all planning costs, construction costs, and capitalized interest. Depreciation is computed using the straight-line method over the following useful lives:

Water, Production, Treatments and Distribution Systems	5 - 40 years
Building, Office and Equipment	3 - 40 years

8. Provision for Income Tax: The District operates as a public water system exempt from federal income tax under Internal Revenue Code Section 501(c) (1).
9. Cash and Cash Equivalents: For purposes of the statement of cash flows, the District considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents.

Except for nonparticipating investment contracts, investments are reported at fair value, which is based on quoted market prices. Nonparticipating investment contracts such as non-negotiable certificates of deposits are reported at cost.

During fiscal year 2018, the District invested in STAR Ohio. STAR Ohio (the State Treasury Asset Reserve of Ohio), is an investment pool managed by the State Treasurer's Office which allows governments within the State to pool their funds for investment purposes. STAR Ohio is not registered with the SEC as an investment company, but has adopted Statement No. 79, "*Certain External Investment Pools and Pool Participants*." The District measures their investment in STAR Ohio at the net asset value (NAV) per share provided by STAR Ohio. The NAV per share is calculated on an amortized cost basis that provides a NAV per share that approximates fair value.

For the fiscal year 2018, there were no limitations or restrictions on any participant withdrawals due to redemption notice periods, liquidity fees, or redemption gates. However, notice must be given 24 hours in advance of all deposits and withdrawals exceeding \$25 million. STAR Ohio reserves the right to limit the transaction to \$50 million, requiring the excess amount to be transacted the following business day(s), but only to the \$50 million limit. All accounts of the participant will be combined for these purposes.

10. Compensated Absences: The District does not have any significant compensated absences.
11. Net Position: Net position represents the difference between assets and deferred outflows and liabilities and deferred inflows. Net position invested in capital assets, net of related debt consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowings used for the acquisition, construction or improvements of those assets. Net position is reported as restricted when their use is limited either through legislation adopted by the District, or restrictions imposed by creditors, grantors or laws or regulations of other governments.

The District applies restricted resources when an expense is incurred for the purposes for which both restricted and unrestricted assets are available.

Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018

Note B - Summary of Significant Accounting Policies (Continued)

12. Inventories and Prepaid Items: The inventories of the District are valued at the lower of cost or market. Cost, as applied to inventory valuation, represents a moving average method whereby the cost per unit is recomputed after every addition to the inventory. The cost is expensed or capitalized at the time individual inventory items are consumed.

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items and decreased over the useful benefit.

13. Pension / Other Postemployment Benefits: For purposes of measuring the net pension/OPEB liability, deferred outflows of resources and deferred inflows of resources related to pension/OPEB, and pension/OPEB expense, information about the fiduciary net position of the pension/OPEB plans and additions to/deductions from their fiduciary net position have been determined on the same basis as they are reported by the pension/OPEB plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The pension/OPEB plans report investments at fair value.
14. Deferred Outflows and Inflows of Resources: In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. Deferred outflows of resources represent a consumption of net position that applies to a future period and will not be recognized as an outflow of resources (expense) until then. For the District, deferred outflows of resources include a deferred charge on refunding, pension and OPEB, and are reported in the statement of net position. A deferred charge on refunding results from the difference in the carrying value of refunded debt and its reacquisition price. This amount is deferred and amortized over the shorter of the life of the refunded or refunding debt. The deferred outflows of resources related to pension and OPEB plans are explained in the pension and OPEB footnotes (See Notes H and I.)

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. Deferred inflows of resources represent an acquisition of net position that applies to a future period and will not be recognized as an inflow (revenues) until that time. For the District, deferred inflows of resources include pension and OPEB amounts. The details of those amounts are further explained in the pension and OPEB footnotes (See Notes H and I.)

Note C - Adoption of New Accounting Principle and Restatement of Net Position

For 2018, the District implemented GASB Statement No. 85, *Omnibus 2017*, Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, and related guidance from GASB Implementation Guide No. 2017-3, *Accounting and Financial Reporting for Postemployment Benefits other Than Pensions (and Certain Issues Related to OPEB Plan Reporting)*.

GASB 85 addresses a variety of topics including issues related to blending component units, goodwill, fair value measurement and application, and postemployment benefits (pensions and other postemployment benefits (OPEB)). These changes were incorporated in the District's 2018 financial statements; however, there was no effect on beginning net position.

GASB 75 established standards for measuring and recognizing postemployment benefit liabilities, deferred outflows of resources, deferred inflows of resources and expense/expenditure. The implementation of this pronouncement impacted the previously reported net position at December 31, 2017, as displayed in the table below. Other than employer contributions subsequent to the measurement date, the District made no restatement for deferred inflows/outflows of resources as the information needed to generate these restatements was not available.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note C - Adoption of New Accounting Principle and Restatement of Net Position (Continued)

Additionally, the District restated the previously reported net position at December 31, 2017, as displayed in the table below, to account for various items that management of the District identified had previously been incorrectly reported. The following is a summary of the changes:

	<u>As Previously Reported</u>	<u>Accounting Changes</u>	<u>Adoption of GASB 75</u>	<u>As Restated</u>
Accounts Receivable	\$ 749,795	\$ (121,800)	\$ -	\$ 627,995
Interest Receivable	(642,761)	801,977	-	159,216
Prepaid Expenses	466,139	(415,101)	-	51,038
Net Capital Assets	39,712,434	876,473	-	40,588,907
Special Assessments Receivable, long-term	768,000	(368,317)	-	399,683
Deferred Charges	144,469	20,750	-	165,219
Accrued Liabilities	140,316	(132,596)	-	7,720
OPWC Loans - Long-term Obligations	1,079,265	(39,319)	-	1,039,946
Net OPEB Liability	-	-	1,421,118	1,421,118
Net Position	37,853,301	965,899	(1,421,118)	37,398,082

Note D - Cash, Cash Equivalents and Investments

State statutes classify monies held by the District into three categories.

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

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

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note D - Cash, Cash Equivalents and Investments (Continued)

Interim deposits are deposits of interim monies. Interim monies are those monies which are not needed for immediate use, but which will be needed before the end of the current period of designation of depositories. Interim monies may be deposited or invested in the following securities:

- United States treasury notes, bills, bonds, or any other obligation or security issued by the United States treasury or any other obligation guaranteed as to principal and interest by the United States
- Bonds, notes, debentures, or any other obligations or securities issued by any federal government agency or instrumentality, including but not limited to, the federal national mortgage association, federal home loan bank, federal farm credit bank, federal home loan mortgage corporation, government national mortgage association, and student loan marketing association. All federal agency securities shall be direct issuances of federal government agencies or instrumentalities
- Written repurchase agreements in the securities listed above provided that the market value of the securities subject to the repurchase agreement must exceed the principal value of the agreement by at least two percent and be marked to market daily, and that the term of the agreement must not exceed thirty days
- Bonds and other obligations for the State of Ohio
- No-load money market mutual funds consisting exclusively of obligations described in items (1) and (2) of this footnote and repurchase agreements secured by such obligations, provided that investments in securities described in this division are made only through eligible institutions
- The State Treasurer's investment pool (STAR Ohio & STAR Ohio Plus)
- Certain bankers' acceptances and commercial paper notes for a period not to exceed one hundred eighty days in an amount not to exceed twenty-five percent of the interim monies available for investment at any one time

Investments in stripped principal or interest obligations, reverse repurchase agreements and derivatives are prohibited. The issuance of taxable notes for the purpose of arbitrage, the use of leverage and short selling are also prohibited. An investment must mature within five years from the date of purchase unless matched to a specific obligation or debt of the District and must be purchased with the expectation that it will be held to maturity.

Protection of the District's deposits is provided by the Federal Deposit Insurance Corporation, by eligible securities pledged by the financial institution as security for repayment, by surety company bonds deposited with the Treasurer by the financial institution or by a single collateral pool established by the financial institution to secure the repayment of all public monies deposited with the institution.

The District follows GASB Statement No. 40, *Deposit and Investment Risk Disclosures - an amendment of GASB Statement No. 3*. GASB Statement No. 40 creates disclosure requirements for deposits and investments related to credit risk, interest rate risk and foreign currency risk.

Deposits

Custodial credit risk is the risk that in the event of bank failure, the District will not be able to recover deposits or collateral securities that are in the possession of an outside party. Although all statutory requirements for the deposit of money have been followed, noncompliance with Federal requirements could potentially subject the District to a successful claim by the Federal Deposit Insurance Corporation (FDIC).

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note D - Cash, Cash Equivalents and Investments (Continued)

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

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

The carrying amount of the District deposits as of December 31, 2018 was \$5,739,870 and the bank balance was \$5,941,368. Of the bank balance:

- \$500,000 as of December 31, 2018 was covered by federal depository insurance (FDIC);
- \$1,537,302 as of December 31, 2018 was collateralized by a third party trustee in single institution collateral pools, securing all public funds on deposit with specific depository institutions and not subject to custodial credit risk; and
- \$779,286 as of December 31, 2018 was deposited in trust accounts in accordance with the District's Revenue and Special Assessment Bonds Trust Agreements.

Investments

The District follows GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools* and records all its investments at fair value. The District's recurring fair value measurement of its investment in Federated Treasury Obligations was valued using pricing sources and is considered a Level 1 investment.

As of December 31, 2018, the District had the following investments which mature in less than one year:

Star Ohio	\$ 2,314,975
BNY Mellon - Federated Treasury Obligation Capital	779,286
Somerville Bank	<u>250,457</u>
 Total Investments	 <u><u>\$ 3,344,718</u></u>

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note D - Cash, Cash Equivalents and Investments (Continued)

The following is a reconciliation of cash and investments to the Statement of Net Position as of December 31, 2018.

	Cash and Cash Equivalents	Restricted Assets: Cash and Cash Equivalents	Total
Investments (summarized above)	\$ 2,340,932	\$ 1,003,786	\$ 3,344,718
Carrying amount of the District's Deposits	<u>2,395,152</u>	<u>-</u>	<u>2,395,152</u>
	<u>\$ 4,736,084</u>	<u>\$ 1,003,786</u>	<u>\$ 5,739,870</u>

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment.

The District's policy requires that, to the extent possible, the General Manager will attempt to match investments with anticipated cash flow requirements to take best advantage of prevailing economic and market conditions.

The maximum maturity of any eligible instrument is five years from the settlement date, unless the investment is matched to a specific obligation or debt of the District. Any investment made must be purchased with reasonable expectation to be held to maturity.

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Star Ohio Plus carries a rating of AAAM by Standard and Poor's. Ohio law requires that STAR Ohio Plus maintains the highest rating provided by at least one of the nationally recognized standard rating services. The District does not have an investment policy that addresses credit risk.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The District's investment policy does not address concentration of credit risk. The District has invested 75% of its investments in STAR Plus/STAR Ohio.

Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018

Note E - Special Assessments Receivable

Special Assessment receivable are from completed construction projects and the issuance of final assessments to residents to cover those costs. The receivables are collected through property tax billing. Included in the balances at December 31, 2018 are deferred agricultural property assessments and the related accrued interest receivable. These amounts will be collected when the properties no longer qualify for agricultural property status, as defined in the Ohio Revised Code Chapter 929, and as certified by the County Auditor. The time frame of collection is undeterminable. The negative county auditor's collection amounts result primarily in part due to these deferred collections. The assessment accounts receivable balances at December 31, 2018 are as follows:

Special Assessment Receivables, gross	\$ 768,000
Less: Allowance for Uncollectible Amounts	<u>(348,661)</u>
	<u>\$ 419,339</u>
Special Assessments Receivable, current	\$ 128,759
Special Assessments Receivable, long-term	<u>290,580</u>
	<u>\$ 419,339</u>

	Total Assessment	Deferred Assessments	Deferred Assessments as a % of Total Assessment	Payments	Payments as a % of Total Assessment	Assessment Receivable
1994 Assessments	\$ 227,778	\$ 73,941	32.5%	\$ 153,837	67.5%	\$ -
1996 Assessments	889,478	62,639	7.0%	817,928	92.0%	8,911
1997 Assessments	94,579	94,579	100.0%	-	0.0%	-
1999 Assessments	4,322,014	183,984	4.3%	4,129,503	95.5%	8,527
2000 Assessments	579,383	12,873	2.2%	465,845	80.4%	100,665
2002 Assessments	736,635	85,519	11.6%	443,159	60.2%	207,957
2007 Assessments	116,045	-	0.0%	22,766	19.6%	93,279
Total	<u>\$ 6,965,912</u>	<u>\$ 513,535</u>	<u>7.4%</u>	<u>\$ 6,033,038</u>	<u>86.6%</u>	<u>\$ 419,339</u>

Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018

Note F - Capital Assets

The following is a schedule of capital assets and related activity for the year-ended December 31, 2018:

	Balance at 12-31-17, as restated	Additions	Retirements and Disposals	Balance at 12-31-18
Non-depreciable Capital Assets				
Land	\$ 1,664,110	\$ -	\$ -	\$ 1,664,110
Construction in progress	4,596,794	1,107,298	(2,346,448)	3,357,644
Total Non-depreciable Capital Assets	<u>6,260,904</u>	<u>1,107,298</u>	<u>(2,346,448)</u>	<u>5,021,754</u>
Depreciable Capital Assets, net				
Water, production, treatments and distribution systems	64,515,691	3,539,746	(86,322)	67,969,115
Building, office and equipment	5,671,089	201,236	(1,159,783)	4,712,542
Total Depreciable Capital Assets	<u>70,186,780</u>	<u>3,740,982</u>	<u>(1,246,105)</u>	<u>72,681,657</u>
Less: accumulated depreciation				
Water, production, treatments and distribution systems	(31,922,601)	(1,785,856)	86,322	(33,622,135)
Building, office and equipment	(3,936,176)	(151,771)	1,115,113	(2,972,834)
Total Accumulated Depreciation	<u>(35,858,777)</u>	<u>(1,937,627)</u>	<u>1,201,435</u>	<u>(36,594,969)</u>
Total Depreciable Capital Assets, net	<u>34,328,003</u>	<u>1,803,355</u>	<u>(44,670)</u>	<u>36,086,688</u>
Capital Assets, net	<u>\$ 40,588,907</u>	<u>\$ 2,910,653</u>	<u>\$ (2,391,118)</u>	<u>\$ 41,108,442</u>

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note G - Long-term Obligations

Long-term obligations consist of:

Description	12-31-17 Balance, Restated	Issued in 2018	Payments 2018	12-31-18 Balance	Due Within One Year
USDA, Rural Development Bonds Special Assessment Water	\$ 1,837,572	\$ -	\$ 106,563	\$ 1,731,009	\$ 113,357
Line Extension Bonds - Series 1999 Special Assessment Water	760,000	-	370,000	390,000	390,000
Line Extension Bonds - Series 2000 Special Assessment Water	140,000	-	45,000	95,000	45,000
Line Extension Bonds - Series 2002 Special Assessment Water	255,000	-	45,000	210,000	50,000
Line Extension Bonds - Series 2007 Special Assessment Water	80,000	-	7,000	73,000	7,000
Revenue Bonds Series 2011	3,025,000	-	180,000	2,845,000	190,000
OPWC-Loans	1,039,946	31,768	39,780	1,031,934	51,532
Revenue Bonds Series 2013	3,000,000	-	3,000,000	-	-
Total Before Premium and Defeased Interest	10,137,518	31,768	3,793,343	6,375,943	846,889
Series 2011 Bond Issue Premium	11,187	1,330	-	12,517	-
Series 2003 - 1995 Bond Refunding Premium and Defeased Interest	(264,216)	-	(264,216)	-	-
Net Pension Liability	3,504,164	-	1,139,306	2,364,858	-
Net OPEB Liability	1,421,118	-	(107,040)	1,528,158	-
Totals	\$ 14,809,771	\$ 33,098	\$ 4,561,393	\$ 10,281,476	\$ 846,889

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note G - Long-term Obligations (Continued)

As of December 31, 2018, the annual debt service requirements to maturity for all long-term debt issuances are as follows:

Year	Principal	Interest
2019	\$ 846,889	\$ 275,465
2020	478,135	233,703
2021	445,822	212,421
2022	465,000	193,074
2023	424,698	172,745
2024-2038	3,715,399	611,630
	6,375,943	1,699,038
2011 Bond Issue Premium	12,517	-
Total	<u>\$ 6,388,460</u>	<u>\$ 1,699,038</u>

The majority of the District's debt is paid from revenues, excluding capital contributions. The District is required by bond trust agreements to meet a revenue to debt ratio of 1.2 for its 2011 and 2013 revenue bonds and 1.0 for Rural Development Bonds and OPWC loans. These covenants were met in 2018.

USDA, Rural Development Bonds - The security agreements on the loans provide for annual payments to the USDA Rural Development with requirements for monthly amounts to a debt service account maintained by the District which is included in cash and cash equivalents. The agreements also provide for a reserve account by an annual appropriation of retained earnings for the estimated cost of the District's normal operations and maintenance expenses for the ensuing year.

The District has pledged future water customer revenues, net of specific operating expenses, to repay \$3,613,000 in water revenue bonds issued in 1994. Proceeds from the bonds refinanced Rural Development mortgage notes. The bonds are payable solely from water customer net revenues and are payable through 2029. Annual principal and interest payments remaining on the bonds are expected to require approximately 10 percent of revenue. The total principal outstanding on the Rural Development bonds is \$1,731,009 as of December 31, 2018. Principal and interest paid for the current year was \$223,708. Customer net revenues were \$3,027,007 during 2018.

Special Assessment Water-Line Extension Bonds - Series 1999 - During 1999, \$5,000,000 of Water Line Extension Bonds, Special Assessment Series 1999, dated September 1, 1999 were issued. Payment of the bonds will be through property tax assessments of property owners benefiting from the water services provided. Payment of the bonds will be through the year 2019. The bonds mature at varying dates and require interest payments at rates varying between 3.80% and 5.50%. The total principal outstanding was \$390,000 as of December 31, 2018.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note G - Long-term Obligations (Continued)

Special Assessment Water-Line Extension Bonds - Series 2000 - During 2000, \$610,000 of Water System Improvement Bonds, Special Assessment Series 2000, dated September 1, 2000 were issued. Payment of the bonds will be through property tax assessments of property owners benefiting from the water services provided. Payment of the bonds will be through the year 2020. The bonds mature at varying dates and require interest payments at rates varying between 4.50% and 5.75%. The total principal outstanding was \$95,000 as of December 31, 2018.

Special Assessment Water-Line Extension Bonds - Series 2002 - During 2002, \$765,000 of Water Line Extension Bonds, Special Assessment Series 2002, dated September 1, 2002 were issued. Payment of the bonds will be through property tax assessments of property owners benefiting from the water services provided. Payment of the bonds will be through the year 2022. The bonds mature at varying dates and require interest payments at rates varying between 1.75% and 5.00%. The total principal outstanding was \$210,000 as of December 31, 2018

Special Assessment Water-Line Extension Bonds - Series 2007 - During 2007, \$126,000 of Water line Extension, Special Assessment Series 2007, dated September 1, 2007 were issued. Payment on the bonds will be through property tax assessments of property owners benefiting from the water service provided. Payment of the bonds will be through the year 2027. The bonds mature at varying dates and require interest payments at a rate of 6%. The total principal outstanding was \$73,000 as of December 31, 2018

Revenue Bonds - 2011 - During 2011, \$4,075,000 of Waterworks System Revenue Improvement Bonds, Series 2011 were issued. The District has pledged water customer revenues, net of specific operating expenses, to repay the waterworks system revenue improvement bonds. Proceeds from the bonds (a) refunded the 2010 Bond Anticipation Note; b) made certain improvements to the Waterworks System water tanks (c) fund a reserve, and (d) pay costs of issuance. The bonds are payable through 2030 and were issued with a premium (\$12,517 outstanding as of December 31, 2018). The bonds mature at varying dates and require interest payments at varying rates between 1.00% and 4.80%. The total principal remaining to be paid on the bonds is \$2,845,000. Principal and interest paid for the current year was \$310,793. Customer net revenues were \$3,027,007 during 2018.

Revenue Bonds Series 2013 - During 2013, \$7,000,000 of Waterworks System Revenue Improvement Bonds, Series 2013 were issued. The District has pledged water customer revenues, net of specific operating expenses, to repay the waterworks revenue improvement bonds. Proceeds from the bonds (a) refunded the 2003 Revenue Bond Note, (b) fund a reserve, and (c) pay costs of issuance. The bonds are payable through 2020. The bonds mature at varying dates and require interest payments at varying rates between .85% and 2.50%. The Series 2013 bonds were fully defeased and extinguished on December 3, 2018. Customer net revenues were \$3,027,007 during 2018.

OPWC-Loans - The Ohio Public Works Commission loans are for water main replacements and water tower painting. These loans are 20 years in length and are interest free. Principal payments are made twice a year. The OPWC loans contain maturities extending through 2037. The total principal outstanding was \$1,031,934 as of December 31, 2018

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note G - Long-term Obligations (Continued)

Series 2003 - 1995 Bond Refunding - Premium and Deferred Interest - During 2003 the District advance refunded certain USDA Rural Development Bonds and defeased certain maturities of the Series 1995 Revenue Bonds and issued \$16,960,000 of Southwest Regional Water District (Ohio) Waterworks System Revenue Refunding and Improvement Bonds, Series 2003. The difference between the cash flow necessary to fund the previous debt over its life and the new debt was \$1,113,757 less for the new debt. The economic gain that arose because of the refunding was \$871,652 present value at an interest rate of 3.84%. This deferral was extinguished and fully charged off in 2018.

Note H - Defined Benefit Pension Plan

Net Pension Liability

The net pension liability reported on the statement of net position represents a liability to employees for pensions. Pensions are a component of exchange transactions between an employer and its employees of salaries and benefits for employee services. Pensions are provided to an employee on a deferred-payment basis as part of the total compensation package offered by an employer for employee services each financial period. The obligation to sacrifice resources for pensions is a present obligation because it was created as a result of employment exchanges that already have occurred.

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

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

GASB Statement No. 68 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires all funding to come from these employers. All contributions to date have come solely from these employers (which also includes costs paid in the form of withholdings from employees). State statute requires the pension plans to amortize unfunded liabilities within 30 years. If the amortization period exceeds 30 years, each pension plan's board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension liability. Resulting adjustments to net pension liability would be effective when the changes are legally enforceable.

The proportionate share of each plan's unfunded benefits is presented as a long-term *net pension liability* on the accrual basis of accounting. Any liability for the contractually-required pension contribution outstanding at the end of the year is included on the Statement of Net Position.

Plan Description - Ohio Public Employees Retirement System (OPERS)

District employees participate in the OPERS. OPERS administers three separate pension plans. The Traditional Pension Plan is a cost-sharing, multiple-employer defined benefit pension plan. The Member-Directed Plan is a defined contribution plan and the Combined Plan is a cost-sharing, multiple-employer defined benefit pension plan with defined contribution features. While members (e.g., District employees) may elect the Member-Directed Plan and the Combined Plan, all of the employee members are in OPERS' Traditional Plan; therefore, the following

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

disclosures focus on the Traditional Pension Plan.

OPERS provides retirement, disability, survivor and death benefits, and annual cost of living adjustments to members of the Traditional Plan. Authority to establish and amend benefits is provided by Chapter 145 of the Ohio Revised Code (ORC). OPERS issues a stand-alone financial report that includes financial statements, required supplementary information and detailed information about OPERS' fiduciary net position that may be obtained by visiting <https://www.opers.org/financial/reports.shtml>, by writing to Ohio Public Employees Retirement System, 277 East Town Street, Columbus, OH 43215-4642, or by calling 800-222-7377.

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

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

FAS

represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career.

Members who retire before meeting the age and years of service credit requirement for unreduced benefits receive a percentage reduction in the benefit amount.

When a benefit recipient has received benefits for 12 months, an annual cost of living adjustment (COLA) is provided. This COLA is calculated on the base retirement benefit at the date of retirement and is not compounded. For those retiring prior to January 7, 2013, the COLA will continue to be a 3% simple annual COLA. For those retiring subsequent to January 7, 2013, beginning in calendar year 2019, the COLA will be based on the average percentage increase in the Consumer Price Index, capped at 3%.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

Funding Policy -The ORC provides statutory authority for member and employer contributions as follows:

	State and <u>Local</u>
2018 Statutory Maximum Contribution Rate	
Employer	14.00%
Employee	10.00%
2018 Actual Contribution Rate	
Employer	
Pension	14.00%
Post-Employment Health Care Benefits	<u>0.00%</u>
Total Employer	<u>14.00%</u>
Employee	<u>10.00%</u>

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll. The District's contractually required contribution was \$284,415 for 2018. Of this amount, \$0 was recorded as an intergovernmental payable.

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

The net pension liability for OPERS was measured as of December 31, 2017 and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability was based on the District's share of contributions to the pension plan relative to the contributions of all participating entities. Following is information related to the proportionate share and pension expense:

Proportionate Share of the Net Pension Liability	\$ 2,364,858
Proportion of the Net Pension Liability	
Current measurement date	0.015074%
Prior measurement date	<u>0.015431%</u>
Change in Proportional Share	<u>-0.000357%</u>
Pension Expense	<u>\$ 416,500</u>

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

At December 31, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows / (Inflows) of Resources
Changes in District's proportion and differences between contributions and proportionate share of contributions	\$ (38,631)	\$ (21,530)	(60,161)
Net difference between projected and actual earnings on pension plan investments	-	(507,704)	(507,704)
Contributions subsequent to the measurement date	284,415	-	284,415
Change in assumptions	282,616	-	282,616
Differences between expected and actual experience	2,415	(46,604)	(44,189)
	<u>\$ 530,815</u>	<u>\$ (575,838)</u>	<u>\$ (45,023)</u>

The \$284,415 reported as deferred outflows of resources related to pension resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2018. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in pension expense as follows:

Year Ending December 31,

2019	\$ 164,743
2020	(61,995)
2021	(223,566)
2022	(208,620)
	<u>\$ (329,438)</u>

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

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation. The total pension liability in the December 31, 2017, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement in accordance with the requirements of GASB 67 (*Financial Reporting for Pension Plans*):

Measurement and Valuation Date	December 31, 2017
Experience Study	5-year Period Ended December 31, 2015
Actuarial Cost Method	Individual Entry Age
Actuarial Assumptions	
Investment rate of return	7.50%
Wage inflation	3.25%
Projected salary increases	3.25% to 10.75% (including wage inflation at 3.25%)
Cost of living adjustments	Pre 1/7/2013 Retiree: 3.00% simple Post 1/7/2013 Retiree: 3.00% simple through 2018, then 2.15% simple

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

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

The allocation of investment assets with the Defined Benefit portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the defamed benefit pension plans. The table below displays the Board-approved asset allocation policy for 2017 and the long-term expected real rates of return:

Asset Class	Target Allocation	Weighted Average Long Term Expected Real Rate of Return (Arithmetic)
Fixed Income	23%	2.20%
Domestic Equities	19%	6.37%
Real Estate	10%	5.26%
Private Equity	10%	8.97%
International Equities	20%	7.88%
Other Investments	18%	5.26%
Total	100%	5.66%

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

During 2017, OPERS managed investments in three investment portfolios: The Defined Benefit portfolio, the Health Care portfolio, and the Defined Contribution portfolio. The Defined Benefit portfolio contains the investment assets for the Traditional Pension Plan, the defined benefit component of the Combined Plan and the annuitized accounts of the Member-Directed Plan. Within the Defined Benefit portfolio, contributions into the plan are recorded at the same time, and benefit payments all occur on the first of the month. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Defined Benefit portfolio was 16.82% for 2017.

Discount Rate

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the statutorily required rates. 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.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note H - Defined Benefit Pension Plan (Continued)

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

The following table represents the District's proportionate share of the net pension liability calculated using the current period discount rate assumption of 7.50%, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one-percentage point lower (6.50%) and one-percentage point higher (8.50%) than the current rate:

	1% Decrease (6.50%)	Current Discount Rate of 7.50%	1% Increase (8.50%)
District's Proportionate Share of the Net Pension Liability	<u>\$ 4,199,385</u>	<u>\$ 2,364,858</u>	<u>\$ 835,415</u>

Note I - Other Post-employment Benefits

The net OPEB liability reported on the statement of net position represents a liability to employees for OPEB. OPEB is a component of exchange transactions between an employer and its employees of salaries and benefits for employee services. OPEB are provided to an employee on a deferred-payment basis as part of the total compensation package offered by an employer for employee services each financial period. The obligation to sacrifice resources for OPEB is a present obligation because it was created as a result of employment exchanges that already have occurred.

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

ORC limits the District's obligation for this liability to annually required payments. The District cannot control benefit terms or the manner in which OPEB are financed; however, the District does receive the benefit of employees' services in exchange for compensation including OPEB.

GASB 75 assumes the liability is solely the obligation of the employer, because they benefit from employee services. OPEB contributions come from these employers and health care plan enrollees which pay a portion of the health care costs in the form of a monthly premium. The ORC permits but does not require the retirement systems to provide healthcare to eligible benefit recipients. Any change to benefits or funding could significantly affect the net OPEB liability. Resulting adjustments to the net OPEB liability would be effective when the changes are legally enforceable. The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits.

The proportionate share of each plan's unfunded benefits is presented as a long-term *net OPEB liability* on the accrual basis of accounting. Any liability for the contractually-required OPEB contribution outstanding at the end of the year is included on the Statement of Net Position.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

Plan Description - OPERS administers three separate pension plans: the Traditional Pension Plan, a cost-sharing, multiple-employer defined benefit pension plan; the Member-Directed Plan, a defined contribution plan; and the Combined Plan, a cost-sharing, multiple-employer defined benefit pension plan that has elements of both a defined benefit and defined contribution plan.

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

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

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

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

Funding Policy - The ORC provides the statutory authority requiring public employers to fund postemployment health care through their contributions to OPERS. When funding is approved by OPERS Board of Trustees, a portion of each employer's contribution to OPERS is set aside to fund OPERS health care plans.

Employer contribution rates are expressed as a percentage of the earnable salary of active members. In 2018, state and local employers contributed at a rate of 14.0 percent of earnable salary and public safety and law enforcement employers contributed at 18.1 percent. These are the maximum employer contribution rates permitted by the ORC. Active member contributions do not fund health care.

Each year, the OPERS Board determines the portion of the employer contribution rate that will be set aside to fund health care plans. The portion of employer contributions allocated to health care for members in the Traditional Pension Plan and Combined Plan was 1.0 percent during calendar year 2017. As recommended by OPERS' actuary, the portion of employer contributions allocated to health care beginning January 1, 2018 decreased to 0 percent for both plans. The OPERS Board is also authorized to establish rules for the retiree or their surviving beneficiaries to pay a portion of the health care provided. Payment amounts vary depending on the number of covered dependents and the coverage selected. The employer contribution as a percentage of covered payroll deposited into the RMA for participants in the Member-Directed Plan for 2018 was 4.0 percent.

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll. The District's contractually required contribution was \$0 for 2018.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

The net OPEB liability and total OPEB liability for OPERS were determined by an actuarial valuation as of December 31, 2016, rolled forward to the measurement date of December 31, 2017, by incorporating the expected value of health care cost accruals, the actual health care payment, and interest accruals during the year. The District's proportion of the net OPEB liability was based on the District's share of contributions to the retirement plan relative to the contributions of all participating entities. Following is information related to the proportionate share and OPEB expense:

Proportionate Share of the Net OPEB Liability	\$ 1,528,158
Proportion of the Net OPEB Liability	
Current measurement date	0.014072%
Prior measurement date	<u>0.014443%</u>
Change in Proportional Share	<u>-0.000371%</u>
OPEB Expense	<u>\$ 148,667</u>

At December 31, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>	<u>Net Deferred Outflows / (Inflows) of Resources</u>
Changes in District's proportion and differences between contributions and proportionate share of contributions	\$ -	\$ (40,245)	\$ (40,245)
Net difference between projected and actual investment earnings	-	(113,838)	(113,838)
Change in assumptions	111,266	-	111,266
Differences between expected and actual experience	<u>1,190</u>	<u>-</u>	<u>1,190</u>
	<u>\$ 112,456</u>	<u>\$ (154,083)</u>	<u>\$ (41,627)</u>

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

In 2018, \$0 will be reported as deferred outflows of resources related to OPEB resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<u>Year Ending December 31,</u>	
2019	\$ 6,065
2020	6,065
2021	(25,297)
2022	<u>(28,460)</u>
	<u>\$ (41,627)</u>

Actuarial Assumptions - OPEB

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

Projections of benefits for financial reporting purposes are based on the substantive plan and include the types of coverage provided at the time of each valuation and the historical pattern of sharing of costs between OPERS and plan members. The total OPEB liability was determined by an actuarial valuation as of December 31, 2016, rolled forward to the measurement date of December 31, 2017. The actuarial valuation used the following actuarial assumptions applied to all prior periods included in the measurement in accordance with the requirements of GASB 74 (*Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*):

Wage Inflation	3.25%
Projected Salary Increases	3.25% to 10.75% (including wage inflation at 3.25%)
Single Discount Rate	
Current measurement date	3.85%
Prior measurement date	4.23%
Investment Rate of Return	6.50%
Municipal Bond Rate	3.31%
Health Care Cost Trend Rate	7.50% initial 3.25%, ultimate in 2018
Actuarial Cost Method	Individual Entry Age

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

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

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

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

During 2017, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio and the Defined Contribution portfolio. The Health Care portfolio includes the assets for health care expenses for the Traditional Pension Plan, Combined Plan and Member-Directed Plan eligible members. Within the Health Care portfolio, contributions into the plans are assumed to be received continuously throughout the year based on the actual payroll payable at the time contributions are made, and health care-related payments are assumed to occur mid-year. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Health Care portfolio is 15.2 percent for 2017.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

The allocation of investment assets with the Health Care portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable health care program for current and future retirees. OPERS' primary goal is to achieve and maintain a fully funded status for the benefits provided through the defined pension plans. Health care is a discretionary benefit. The table below displays the Board-approved asset allocation policy for 2017 and the long-term expected real rates of return:

Asset Class	Target Allocation	Weighted Average Long Term Expected Real Rate of Return (Arithmetic)
Fixed Income	34%	1.88%
Domestic Equities	21%	6.37%
Real Estate Investment Trusts	6%	5.91%
International Equities	22%	7.88%
Other Investments	17%	5.39%
Total	100%	4.98%

Discount Rate A single discount rate of 3.85 percent was used to measure the OPEB liability on the measurement date of December 31, 2017. A single discount rate of 4.23 percent was used to measure the OPEB liability on the measurement date of December 31, 2016. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.50 percent and a municipal bond rate of 3.31 percent. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through 2034. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2034, and the municipal bond rate was applied to all health care costs after that date.

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note I - Other Post-employment Benefits (Continued)

Sensitivity of the District's Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate
The following table presents the District's proportionate share of the net OPEB liability calculated using the single discount rate of 3.85 percent, 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 one-percentage-point lower (2.85 percent) or one-percentage-point higher (4.85 percent) than the current rate:

	<u>1% Decrease (2.85%)</u>	<u>Current Discount Rate of 3.85%</u>	<u>1% Increase (4.85%)</u>
District's Proportionate Share of the Net OPEB Liability	<u>\$ 2,030,224</u>	<u>\$ 1,528,158</u>	<u>\$ 1,121,992</u>

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

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

Retiree health care valuations use a health care cost-trend assumption that changes over several years built into the assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2018 is 7.50 percent. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for health care. A more reasonable alternative is that in the not-too-distant future, the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.25 percent in the most recent valuation.

	<u>1% Decrease</u>	<u>Current Health Care Cost Trend Rate Assumption</u>	<u>1% Increase</u>
District's Proportionate Share of the Net OPEB Liability	<u>\$ 1,462,121</u>	<u>\$ 1,528,158</u>	<u>1,596,372</u>

**Southwest Regional Water District
Notes to Financial Statements (Continued)
Year Ended December 31, 2018**

Note J - Risk Management

The District is exposed to various risks of loss to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. For the year 2017 the District contracted for the following insurance coverage:

- General Liability
- Public Officials
- Inland Marine
- Automobile
- Faithful Performance and Employee Bond
- Health

Vehicle policies include liability coverage for bodily injury and property damage.

Worker's compensation benefits are provided through the State Bureau of Worker's Compensation.

The District has not incurred significant reductions to insurance coverage from coverage in the prior years by major category of risk. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three years.

Note K - Contingent Liabilities

Litigation

The District is a party to legal proceedings seeking damages. The District's management is of the opinion that the ultimate disposition of the various claims and legal proceedings will not have a material effect, if any, on the financial condition of the District.

Federal and State Grants

The District participates in federally assisted programs. These programs are subject to financial and compliance audits by the grantors or their representative. As of December 31, 2018, audits of certain programs have not been completed. Accordingly, the District's compliance with applicable grant requirements will be established at some future date.

Required Supplementary Information

**Southwest Regional Water District
Butler County, OH**

Required Supplementary Information
Schedule of the District's Proportionate Share of the Net Pension Liability
Ohio Public Employees Retirement System - Pension Plan
Last Five Years*

	2018	2017	2016	2015	2014
District's Proportion of the Net Pension Liability	0.015074%	0.015431%	0.016420%	0.016531%	0.016531%
District's Proportionate Share of the Net Pension Liability	\$ 2,364,858	\$ 3,504,161	\$ 2,844,176	\$ 1,993,823	\$ 1,948,790
District's Covered Payroll	1,993,285	1,996,002	2,044,492	2,026,867	1,855,569
District's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	118.64%	175.56%	139.11%	98.37%	105.02%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	84.66%	77.25%	81.08%	86.45%	86.36%

*Represents employer's calendar year. Information prior to 2014 was not available. The District will continue to present information for years available until a full ten-year trend is compiled.

**Southwest Regional Water District
Butler County, OH**

Required Supplementary Information
Schedule of the District's Contributions
Ohio Public Employees Retirement System - Traditional Pension Plan
Last Six Years*

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Contractually Required Contributions	\$ 284,415	\$ 253,831	\$ 239,520	\$ 245,339	\$ 243,224	\$ 241,224
Contributions in Relation to the Contractually Contractually Required Contributions	<u>(284,415)</u>	<u>(253,831)</u>	<u>(239,520)</u>	<u>(245,339)</u>	<u>(243,224)</u>	<u>(241,224)</u>
Contribution Deficiency (Excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District Covered Payroll	\$ 2,031,541	\$ 1,993,285	\$ 1,996,002	\$ 2,044,492	\$ 2,026,867	\$ 1,855,569
Contributions as a Percentage of Covered Payroll	14.00%	12.73%	12.00%	12.00%	12.00%	13.00%

*This schedule is intended to show information for 10 years. However, information prior to 2013 is not available. Additional years' information will be displayed as it becomes available.

Amounts are presented as of the District's measurement date, which is the prior year end.

**Southwest Regional Water District
Butler County, OH**

Required Supplementary Information
Schedule of the District's Proportionate Share of the Net OPEB Liability
Ohio Public Employees Retirement System
Last Two Years*

	2018	2017
District's Proportion of the Net Pension Liability	0.014072%	0.014443%
District's Proportionate Share of the Net Pension Liability	\$ 1,528,158	\$ 1,458,817
District's Covered Payroll	1,993,285	1,996,002
 District's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	 76.67%	 73.09%
 Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	 54.04%	 54.14%

*This schedule is intended to show information for 10 years. However, information prior to 2017 is not available. Additional year's information will be displayed as it becomes available.

Amounts are presented as of the District's measurement date, which is the prior year end.

**Southwest Regional Water District
Buter County, OH**

Required Supplementary Information
Schedule of the District's Contributions - OPEB
Ohio Public Employees Retirement System
Last Three Years*

	<u>2018</u>	<u>2017</u>	<u>2016</u>
Contractually Required Contributions	\$ -	\$ 22,029	\$ 19,960
Contributions in Relation to the Contractually Contractually Required Contributions	<u>-</u>	<u>(22,029)</u>	<u>(19,960)</u>
Contribution Deficiency (Excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District Covered Payroll	\$ 2,031,541	\$ 1,993,285	\$ 1,996,002
Contributions as a Percentage of Covered Payroll	0.00%	1.11%	1.00%

*This schedule is intended to show information for 10 years. However, information prior to 2016 is not available. Additional year's information will be displayed as it becomes available.

OHIO AUDITOR OF STATE KEITH FABER



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

Southwest Regional Water District
Butler County
3640 Old Oxford Road
Hamilton, Ohio 45013

To the Board of Trustees:

We have audited, in accordance with auditing standards generally accepted in the United States and the Comptroller General of the United States' *Government Auditing Standards*, the financial statements of the Southwest Regional Water District, Butler County, (the District) as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements and have issued our report thereon dated October 4, 2019 wherein we noted the District adopted new accounting guidance in Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. We also noted the District disclosed accounting changes from prior reporting periods.

Internal Control Over Financial Reporting

As part of our financial statement audit, we considered the District's internal control over financial reporting (internal control) to determine the audit procedures appropriate in the circumstances to the extent necessary to support our opinion on the financial statements, but not to the extent necessary to opine on the effectiveness of the District's internal control. Accordingly, we have not opined on it.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, when performing their assigned functions, to prevent, or detect and timely correct misstatements. A *material weakness* is a deficiency, or combination of internal control deficiencies resulting in a reasonable possibility that internal control will not prevent or detect and timely correct a material misstatement of the District's financial statements. 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 internal control deficiencies that might be material weaknesses or significant deficiencies. Given these limitations, we did not identify any deficiencies in internal control that we consider material weaknesses. However, unidentified material weaknesses may exist.

Compliance and Other Matters

As part of reasonably assuring whether the District's financial statements are free of material misstatement, we tested its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could directly and materially affect the determination of financial statement amounts. However, opining on compliance with those provisions was not an objective of our audit and accordingly, we do not express an opinion. The results of our tests disclosed no instances of noncompliance or other matters we must report under *Government Auditing Standards*.

Purpose of this Report

This report only describes the scope of our internal control and compliance testing and our testing results, and does not opine on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed under *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this report is not suitable for any other purpose.



Keith Faber
Auditor of State

Columbus, Ohio

October 4, 2019

OHIO AUDITOR OF STATE KEITH FABER



SOUTHWEST REGIONAL WATER DISTRICT

BUTLER COUNTY

CLERK'S CERTIFICATION

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

Susan Babbitt

CLERK OF THE BUREAU

**CERTIFIED
NOVEMBER 7, 2019**