

**KNOTT COUNTY WATER AND SEWER DISTRICT  
Vicco, Kentucky**

---

**FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

## CONTENTS

Independent Auditors' Report .....	1-2
<b>Financial Statements</b>	
Statements of Net Position.....	3
Statements of Revenues, Expenses and Changes in Net Position.....	4
Statements of Cash Flows .....	5
Notes to Financial Statements .....	6-21
<b>Required Supplementary Information</b>	
Proportionate Share of the Net Pension Liability.....	22
Contributions – Pension .....	23
Proportionate Share of the Net OPEB Liability.....	24
Contributions – OPEB .....	25
Notes to Required Supplementary Information.....	26-27
<b>Supplementary Information</b>	
Budgetary Comparison Schedules.....	28-29
Independent Auditors' Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i> .....	30-31
Schedule of Findings and Responses .....	32



## INDEPENDENT AUDITORS' REPORT

The Board of Commissioners  
Knott County Water and Sewer District  
Vicco, Kentucky

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Knott County Water and Sewer District (the District), as of and for the years ended December 31, 2020 and 2019, 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 the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditors' Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

### ***Opinion***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Knott County Water and Sewer District, as of December 31, 2020 and 2019, and the changes in financial position, and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the pension and OPEB schedules on pages 22–25 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the Management Discussion and Analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the District's basic financial statements. The budgetary comparison schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The budgetary comparison schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the budgetary comparison schedules are fairly stated in all material respects in relation to the basic financial statements as a whole.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated March 23, 2021, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

**RFH**

RFH, PLLC  
Lexington, Kentucky  
March 23, 2021

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**STATEMENTS OF NET POSITION**  
**December 31,**

<b>ASSETS</b>	<b>2020</b>	<b>2019</b>
Current assets		
Cash and cash equivalents	\$ 496,135	\$ 69,283
Customer accounts receivable, net	334,683	249,807
Prepaid expenses	21,079	14,207
Grant receivable	<u>69,645</u>	<u>114,870</u>
Total current assets	<u>921,542</u>	<u>448,167</u>
Restricted assets		
Cash and cash equivalents	492,450	540,437
Certificate of deposit	<u>314,122</u>	<u>305,583</u>
Total restricted assets	<u>806,572</u>	<u>846,020</u>
Capital assets		
Land	150,585	150,585
Construction-in-progress	351,478	606,656
Utility plant and equipment, net	<u>50,747,811</u>	<u>51,363,418</u>
Capital assets, net	<u>51,249,874</u>	<u>52,120,659</u>
Total assets	<u>52,977,988</u>	<u>53,414,846</u>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Deferred outflows - pension	240,350	275,622
Deferred outflows - OPEB	<u>221,114</u>	<u>132,398</u>
Total deferred outflows of resources	<u>461,464</u>	<u>408,020</u>
Total assets and deferred outflows of resources	<u>\$ 53,439,452</u>	<u>\$ 53,822,866</u>
<b>LIABILITIES</b>		
Current liabilities		
Accounts payable	\$ 63,705	\$ 79,272
Accrued compensation	30,826	21,864
Payroll liabilities	30,268	27,677
Accrued interest	5,267	808
Other current liabilities	255,297	184,924
Current portion of long-term debt	<u>66,604</u>	<u>64,071</u>
Total current liabilities	<u>451,967</u>	<u>378,616</u>
Noncurrent liabilities		
Net pension liability	1,481,981	1,326,432
Net OPEB liability	466,447	317,149
Notes payable	221,410	225,000
Bonds payable	<u>31,646</u>	<u>93,050</u>
Total long-term liabilities	<u>2,201,484</u>	<u>1,961,631</u>
Total liabilities	<u>2,653,451</u>	<u>2,340,247</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Deferred inflows - pension	-	26,988
Deferred inflows - OPEB	<u>78,835</u>	<u>110,906</u>
Total deferred inflows of resources	<u>78,835</u>	<u>137,894</u>
<b>NET POSITION</b>		
Net investment in capital assets	50,930,214	51,738,538
Restricted	806,572	846,020
Unrestricted	<u>(1,029,620)</u>	<u>(1,239,833)</u>
Total net position	<u>50,707,166</u>	<u>51,344,725</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 53,439,452</u>	<u>\$ 53,822,866</u>

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

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION**  
for the years ended December 31,

	<b>2020</b>	<b>2019</b>
<b>OPERATING INCOME</b>		
Water service	\$ 2,775,935	\$ 2,160,378
Sewer service	89,192	94,640
Penalties	7,283	18,043
Miscellaneous income	5,619	45,115
Reconnection and collection fees	<u>656</u>	<u>1,074</u>
Total operating income	<u>2,878,685</u>	<u>2,319,250</u>
<b>OPERATING EXPENSES</b>		
Salaries and fringe benefits	1,115,674	1,055,154
Commissioners	18,500	28,900
Office and advertising expense	12,249	6,300
Water consumption	100,289	80,724
Electricity	444,962	437,602
Telephone	16,801	15,004
Travel and training	3,481	5,789
Rents	556	471
Contractual fees	297,948	223,818
Vehicle expense	40,658	47,465
Operating supplies and maintenance	412,524	378,715
Licenses, permits, dues, and fees	9,706	6,858
Bad debt expense	11,000	-
Insurance and bonds	<u>62,421</u>	<u>57,521</u>
Total operating expense	<u>2,546,769</u>	<u>2,344,321</u>
Operating income (loss) before depreciation	331,916	(25,071)
Depreciation expense	<u>1,392,997</u>	<u>1,364,456</u>
<b>OPERATING (LOSS)</b>	<b>(1,061,081)</b>	<b>(1,389,527)</b>
Non-operating income (expenses)		
Interest income	8,840	6,153
Refunds to customers	-	(282)
Interest expense	<u>(14,731)</u>	<u>(18,147)</u>
<b>(LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	<b>(1,066,972)</b>	<b>(1,401,803)</b>
Capital contributions		
Tap fees	45,890	31,409
Contributed capital	<u>383,523</u>	<u>2,300,901</u>
<b>CHANGE IN NET POSITION</b>	<b>(637,559)</b>	<b>930,507</b>
Net position, beginning of year	<u>51,344,725</u>	<u>50,414,218</u>
<b>NET POSITION, END OF YEAR</b>	<b><u>\$ 50,707,166</u></b>	<b><u>\$ 51,344,725</u></b>

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

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**STATEMENTS OF CASH FLOWS**  
**for the years ended December 31,**

	<b>2020</b>	<b>2019</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Receipts from customers	\$ 2,777,190	\$ 2,274,709
Payment to suppliers	(1,348,479)	(1,207,924)
Payment for employee services and benefits	(930,276)	(907,950)
Other receipts	<u>5,619</u>	<u>45,115</u>
Net cash provided by operating activities	<u>504,054</u>	<u>203,950</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>		
Purchase of capital assets	(143,872)	(65,092)
Contributed capital and tap fees	91,115	55,021
Refunds issued to customers	-	(282)
Principal paid on capital debt	(62,461)	(66,934)
Interest paid on capital debt	<u>(10,272)</u>	<u>(23,289)</u>
Net cash (used) by financing activities	<u>(125,490)</u>	<u>(100,576)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Purchase of certificate of deposit	-	(305,583)
Interest income	<u>301</u>	<u>6,153</u>
Net cash provided (used) by investing activities	<u>301</u>	<u>(299,430)</u>
<b>NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	378,865	(196,056)
Cash and cash equivalents at beginning of year	<u>609,720</u>	<u>805,776</u>
<b>CASH AND CASH EQUIVALENTS AT END OF YEAR</b>	<u>\$ 988,585</u>	<u>\$ 609,720</u>
<b>Reconciliation of operating (loss) to net cash provided by operating activities:</b>		
Operating (loss)	\$ (1,061,081)	\$ (1,389,527)
Adjustments to reconcile operating (loss) to net cash provided by operating activities:		
Depreciation	1,392,997	1,364,456
Net changes in pension liability	163,833	168,832
Net changes in OPEB liability	28,512	7,050
Changes in assets and liabilities:		
(Increase) decrease in receivables	(84,876)	574
(Increase) decrease in prepaid expenses	(6,872)	4,875
Increase (decrease) in accounts payable	(15,567)	38,418
Increase (decrease) in payroll and other liabilities	2,591	222
Increase (decrease) in other current liabilities	<u>84,517</u>	<u>9,050</u>
Net cash provided by operating activities	<u>\$ 504,054</u>	<u>\$ 203,950</u>
Supplemental disclosure of cash flow information:		
Non-cash capital and related financing information:		
Capital asset additions accrued as other current liabilities	<u>\$ 36,147</u>	<u>\$ 41,329</u>
Fair value of contributed capital assets	<u>\$ 383,523</u>	<u>\$ 2,300,901</u>

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

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
**December 31, 2020 and 2019**

---

**1. ORGANIZATION AND ACCOUNTING POLICIES**

**Nature of Activities**

Knott County Water and Sewer District (the District) was created by the Knott County Fiscal Court on February 10, 1999 to be governed and operated under rules and procedures established under Kentucky Revised Statutes (KRS) Chapter 74, relating to water districts and KRS Chapter 220 relating to sanitation districts. The entity is expanding its operating activities into parts of Knott County not presently served with water and sewer utility services.

**Basis of Presentation**

The Governmental Accounting Standards Board (GASB) Codification creates a framework for basic financial statements that report the government's financial activities. Financial statements include government-wide financial statements prepared on an accrual basis of accounting and fund financial statements which present information for individual major funds rather than by fund type. Knott County Water and Sewer District is considered a special purpose government engaged in a business-type activity. Therefore, no governmental type funds are recognized and instead, proprietary fund financial statements are presented.

The accounting and reporting treatment applied to a fund is determined by its measurement focus. Proprietary funds are reported using the economic resources measurement focus. The statement of cash flows provides information about how the District finances and meets the cash flow needs of its proprietary activities.

**Basis of Accounting**

The basis of accounting determines when transactions are recorded in the financial records and reported on the financial statements. For its water and sewer enterprise operations, the District uses the full-accrual basis of accounting where revenues are recorded when earned and expenses are recognized when incurred.

Revenues resulting from exchange transactions, in which each party receives essentially equal value, is recorded on the accrual basis when the exchange takes place.

Unearned revenue arises when assets are recognized before revenue recognition criteria have been satisfied. Grants and entitlements received before the eligibility requirements are met are recorded as unearned revenue.

**Cash and Cash Equivalents**

The District's cash and cash equivalents are considered to be cash on hand, demand deposits, certificates of deposit, and short-term investments with original maturities of three months or less from the date of acquisition.

**Capital Assets and Depreciation**

Capital assets are stated at historical cost. Donated assets are valued at their fair market value on the date of donation. Capital assets costing over \$1,500 are recorded and depreciated using the straight-line method of accounting over the respective assets useful lives as follows:

Equipment	5-20 years
Transmission lines	30-63 years
Water wells, structures and improvements	15-63 years

**Allowance for Doubtful Accounts**

Knott County Water and Sewer District's financial statements reflect an allowance account for its customer accounts receivable based on management's estimates of probable losses. The allowance for doubtful accounts was estimated at \$25,000 and \$14,000 as of December 31, 2020 and 2019, respectively.



**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
**December 31, 2020 and 2019**

---

**1. ORGANIZATION AND ACCOUNTING POLICIES (CONTINUED)**

**Net Position**

The District's financial statements incorporate the concepts of net position, deferred outflows of resources and deferred inflows of resources. Net position represents the difference between assets and deferred outflows and liabilities and deferred inflows. The net position component "net investment in capital assets", consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowing used for acquisition, construction or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction or improvement of those assets or related debt also should be included in this component of net position. Net position is reported as restricted when there are limitations on its use either through enabling legislation adopted by the District or through external restrictions imposed by creditors, grantors or laws or regulations of other governments.

**Restricted Net Position**

Restricted net position reflects funds held in various reserve accounts to meet the covenants as may be specified and defined in the bond and note indentures, or as restrictions imposed by grantors.

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

**Operating Revenues and Expenses**

Operating revenues are those revenues that are generated directly from the primary activity of the proprietary funds. For the District, those revenues are primarily charges for utility services provided. Non-operating includes interest income/expense, gain/loss on disposal of assets and refunds to customers.

**Materials and Supplies**

Purchases of materials and supplies are expensed when purchased and are not inventoried and reflected in the statement of net position. Generally, supplies are purchased as needed. This departure from generally accepted accounting principles (GAAP) is not considered material to the financial statements.

**Pensions**

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

**Postemployment Benefits Other Than Pensions (OPEB)**

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

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**1. ORGANIZATION AND ACCOUNTING POLICIES (CONTINUED)**

**Estimates**

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

**Management’s Review of Subsequent Events**

The District has evaluated and considered the need to recognize or disclose subsequent events through March 23, 2021, which represents the date that these financial statements were available to be issued. Subsequent events past this date, as they pertain to the year ended December 31, 2020, have not been evaluated by the District.

**2. CASH AND INVESTMENTS**

KRS 66.480 authorizes the District to invest in the following, including but not limited to, obligations of the United States and of its agencies and instrumentalities, obligations and contracts for future delivery or purchase of obligations backed by the full faith and credit of the United States, obligations of any corporation of the United States government, bonds or certificates of indebtedness of this state, and certificates of deposit issued by or other interest-bearing accounts of any bank or savings and loan institution which have a physical presence in Kentucky and are insured by the Federal Deposit Insurance Corporation (FDIC) or which are collateralized, to the extent uninsured, by any obligation permitted by KRS 41.240(4). The Statute also authorizes investment in mutual funds, exchange traded funds, individual equity securities and high-quality corporate bonds that are managed by a professional investment manager and subject to additional requirements outlined in KRS 66.480.

Custodial credit risk is the risk that, in the event of the failure of the counterparty, the District will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party.

The District’s deposits at December 31, 2020 and 2019, were entirely covered by Federal Depository Insurance or by collateral held by the custodial banks in the District’s name. The bank balances of the District’s deposits were \$1,378,068 and \$1,011,933 at December 31, 2020 and 2019, respectively. As of December 31, 2020 and 2019, \$878,068 and \$511,933, respectively, of the District’s deposits were covered by collateral held by the custodial banks in the District’s name. As of December 31, 2020 and 2019, \$500,000 and \$500,000, respectively, of the District’s deposits were covered by Federal Depository Insurance.

**Statement of Cash Flows**

The statement of cash flows includes as cash and cash equivalents the following as of December 31,:

	<b>2020</b>	<b>2019</b>
Cash and cash equivalents	\$ 496,135	\$ 69,283
Restricted cash and cash equivalents	<u>492,450</u>	<u>540,437</u>
	<u>\$ 988,585</u>	<u>\$ 609,720</u>

Certificate of deposit – As of December 31, 2020 and 2019, the District held a certificate of deposit with a book value of \$314,122 and \$305,583, respectively. The certificate of deposit has an interest rate of 2.75% and matures on May 2, 2024.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

**3. CAPITAL ASSETS**

The following is a summary of changes in capital assets for the District at December 31, 2020:

	<b>Balance 12/31/19</b>	<b>Additions</b>	<b>Deductions</b>	<b>Balance 12/31/20</b>
<b>Capital Assets – Water</b>				
Not depreciated				
Land and land rights	\$ 117,294	\$ -	\$ -	\$ 117,294
Construction-in-progress	606,656	343,472	(598,650)	351,478
Depreciated				
Water plant and transmission lines	56,046,861	65,702	-	56,112,563
Vehicles	443,531	89,595	-	533,126
Operating equipment	247,414	13,286	-	260,700
Office furniture and equipment	<u>177,713</u>	<u>-</u>	<u>-</u>	<u>177,713</u>
Subtotal	<u>57,639,469</u>	<u>512,055</u>	<u>(598,650)</u>	<u>57,552,874</u>
Accumulated depreciation – Water				
Water plant and transmission lines	11,150,959	1,159,192	-	12,310,151
Vehicles	313,434	29,813	-	343,247
Operating equipment	156,675	12,977	-	169,652
Office furniture and equipment	<u>111,615</u>	<u>5,713</u>	<u>-</u>	<u>117,328</u>
Subtotal	<u>11,732,683</u>	<u>1,207,695</u>	<u>-</u>	<u>12,940,378</u>
Total - Water	<u>45,906,786</u>	<u>(695,640)</u>	<u>(598,650)</u>	<u>44,612,496</u>
<b>Capital Assets – Sewer</b>				
Not depreciated				
Land and land rights	33,291	-	-	33,291
Depreciated				
WWTPs and collection systems	7,045,453	598,650	-	7,644,103
Operating equipment	<u>68,811</u>	<u>10,157</u>	<u>-</u>	<u>78,968</u>
Subtotal	<u>7,147,555</u>	<u>608,807</u>	<u>-</u>	<u>7,756,362</u>
Accumulated depreciation – Sewer				
Vehicles	884,515	181,409	-	1,065,924
Operating equipment	<u>49,167</u>	<u>3,893</u>	<u>-</u>	<u>53,060</u>
Subtotal	<u>933,682</u>	<u>185,302</u>	<u>-</u>	<u>1,118,984</u>
Total - Sewer	<u>6,213,873</u>	<u>423,505</u>	<u>-</u>	<u>6,637,378</u>
<b>Total capital assets, net</b>	<b><u>\$ 52,120,659</u></b>	<b><u>\$ (272,135)</u></b>	<b><u>\$ (598,650)</u></b>	<b><u>\$ 51,249,874</u></b>

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

**3. CAPITAL ASSETS (CONTINUED)**

The following is a summary of changes in capital assets for the District at December 31, 2019:

	<b>Balance 12/31/18</b>	<b>Additions</b>	<b>Deductions</b>	<b>Balance 12/31/19</b>
<b>Capital Assets – Water</b>				
Not depreciated				
Land and land rights	\$ 117,294	\$ -	\$ -	\$ 117,294
Construction-in-progress	332,260	2,163,038	(1,888,642)	606,656
Depreciated				
Water plant and transmission lines	54,140,356	1,906,505	-	56,046,861
Vehicles	412,849	30,682	-	443,531
Operating equipment	207,816	39,598	-	247,414
Office furniture and equipment	177,713	-	-	177,713
Subtotal	<u>55,388,288</u>	<u>4,139,823</u>	<u>(1,888,642)</u>	<u>57,639,469</u>
Accumulated depreciation – Water				
Water plant and transmission lines	10,013,864	1,137,095	-	11,150,959
Vehicles	289,726	23,708	-	313,434
Operating equipment	146,746	9,929	-	156,675
Office furniture and equipment	103,164	8,451	-	111,615
Subtotal	<u>10,553,500</u>	<u>1,179,183</u>	<u>-</u>	<u>11,732,683</u>
Total - Water	<u>44,834,788</u>	<u>2,960,640</u>	<u>(1,888,642)</u>	<u>45,906,786</u>
<b>Capital Assets – Sewer</b>				
Not depreciated				
Land and land rights	33,291	-	-	33,291
Depreciated				
WWTPs and collection systems	7,045,453	-	-	7,045,453
Operating equipment	68,811	-	-	68,811
Subtotal	<u>7,147,555</u>	<u>-</u>	<u>-</u>	<u>7,147,555</u>
Accumulated depreciation – Sewer				
Vehicles	703,052	181,463	-	884,515
Operating equipment	45,357	3,810	-	49,167
Subtotal	<u>748,409</u>	<u>185,273</u>	<u>-</u>	<u>933,682</u>
Total - Sewer	<u>6,399,146</u>	<u>185,273</u>	<u>-</u>	<u>6,213,873</u>
<b>Total capital assets, net</b>	<b><u>\$ 51,233,934</u></b>	<b><u>\$ 2,775,367</u></b>	<b><u>\$(1,888,642)</u></b>	<b><u>\$ 52,120,659</u></b>

Total depreciation expense is allocated as follows for the years ended December 31,:

	<b>2020</b>	<b>2019</b>
Water operations	\$ 1,207,695	\$ 1,179,183
Sewer operations	<u>185,302</u>	<u>185,273</u>
	<u>\$ 1,392,997</u>	<u>\$ 1,364,456</u>

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

**4. OTHER CURRENT LIABILITIES**

Other current liabilities consisted of the following at December 31,:

	<b>2020</b>	<b>2019</b>
Customer deposit payable	\$ 144,110	\$ 136,109
Engineering contract payable	36,147	41,329
Deferred revenue	62,170	-
Utility tax payable	12,016	6,761
Sales tax payable	<u>854</u>	<u>725</u>
Total other current liabilities	<u>\$ 255,297</u>	<u>\$ 184,924</u>

**5. LONG-TERM DEBT**

The following is a summary of the bonds and notes outstanding for the District for the year ended December 31,:

<b>Bonds and Notes</b>	<b>2020</b>	<b>2019</b>
Rural Utilities Service Bond - \$185,000, dated 12/19/03, was issued to pay off prior debt of the District, with payments through 2043, bearing interest at a rate of 4.5%.	\$ 145,000	\$ 145,000
Kentucky Infrastructure Authority Loan - \$547,000, direct borrowing note dated 1/1/04, issued to pay for the Highway 899/Mallie Waterworks improvement project, with payments through 2022, bearing interest at a rate of 4.05%.	93,050	152,021
Rural Utilities Service Bond - \$100,000, dated 1/26/07, was issued to finance a portion of the Water Treatment Plant project, with payments through 2046, bearing interest at a rate of 4.125%.	<u>81,610</u>	<u>85,100</u>
Total	319,660	382,121
Less: current portion of debt	<u>(66,604)</u>	<u>(64,071)</u>
Long-term debt	<u>\$ 253,056</u>	<u>\$ 318,050</u>

The annual requirements to amortize publicly offered bonds outstanding as of December 31, 2020 are as follows:

<b>Year Ending December 31,</b>	<b>Principal</b>	<b>Interest</b>	<b>Payment</b>
2021	\$ 5,200	\$ 10,382	\$ 15,582
2022	5,800	10,148	15,948
2023	5,800	9,887	15,687
2024	5,900	9,626	15,526
2025	6,500	9,361	15,861
2026-2030	37,000	42,168	79,168
2031-2035	46,300	33,019	79,319
2036-2040	56,900	24,158	81,058
2041-2045	50,600	10,704	61,304
2046	<u>6,610</u>	<u>734</u>	<u>7,344</u>
	<u>\$ 226,610</u>	<u>\$ 160,187</u>	<u>\$ 386,797</u>

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

**5. LONG-TERM DEBT (CONTINUED)**

The annual requirements to amortize notes from direct borrowings outstanding as of December 31, 2020 are as follows:

Year Ending December 31,	Principal	Interest and Fees	Payment
2021	\$ 61,404	\$ 2,767	\$ 64,171
2042	<u>31,646</u>	<u>394</u>	<u>32,040</u>
	<u>\$ 93,050</u>	<u>\$ 3,161</u>	<u>\$ 96,211</u>

The following is a summary of changes in long-term debt, net pension liability, and net OPEB liability for the year ended December 31, 2020:

	December 31, 2019	Additions	Retirements	December 31, 2020	Due Within One Year
Net pension liability	\$ 1,326,432	\$ 155,549	\$ -	\$ 1,481,981	\$ -
Net OPEB liability	317,149	149,298	-	466,447	-
Bonds payable	230,100	-	(3,490)	226,610	5,200
Notes payable	<u>152,021</u>	<u>-</u>	<u>(58,971)</u>	<u>93,050</u>	<u>61,404</u>
	<u>\$ 2,025,702</u>	<u>\$ 304,847</u>	<u>\$ (62,461)</u>	<u>\$ 2,268,088</u>	<u>\$ 66,604</u>

The following is a summary of changes in long-term debt, net pension liability, and OPEB liability for the year ended December 31, 2019:

	December 31, 2018	Additions	Retirements	December 31, 2019	Due Within One Year
Net pension liability	\$ 1,072,442	\$ 253,990	\$ -	\$ 1,326,432	\$ -
Net OPEB liability	312,627	4,522	-	317,149	-
Bonds payable	240,400	-	(10,300)	230,100	5,100
Notes payable	<u>208,655</u>	<u>-</u>	<u>(56,634)</u>	<u>152,021</u>	<u>58,971</u>
	<u>\$ 1,834,124</u>	<u>\$ 258,512</u>	<u>\$ (66,934)</u>	<u>\$ 2,025,702</u>	<u>\$ 64,071</u>

The District is required to maintain debt service and depreciation reserves in accordance with their various debt agreements. The balance in the debt service reserve as of December 31, 2020 and 2019 was \$186,019 and \$232,835, respectively. The balance in the depreciation reserve as of December 31, 2020 and 2019 was \$39,950. The District has fully funded its debt service and depreciation reserves at December 31, 2020 and 2019. The District's note from direct borrowing contains a provision that in an event of default, the debt holder may declare all payments due under the note to be immediately due and payable.

**6. RETIREMENT PLAN**

The Knott County Water and Sewer District is a participating employer of the County Employees' Retirement System (CERS). Under the provisions of Kentucky Revised Statute 61.645, the Board of Trustees of Kentucky Retirement Systems administers the CERS. The plan issues publicly available financial statements which may be downloaded from the Kentucky Retirement Systems website.

*Plan Description* – CERS is a cost-sharing multiple-employer defined benefit pension plan that covers substantially all regular full-time members employed in positions of each participating county, city, and school board, and any additional eligible local agencies electing to participate in the System. The plan provides for retirement, disability, and death benefits to plan members. Retirement benefits may be extended to beneficiaries of plan members under certain circumstances. Cost-of-living (COLA) adjustments are provided at the discretion of state legislature.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**6. RETIREMENT PLAN (CONTINUED)**

Contributions – For the years ended December 31, 2020 and 2019, plan members were required to contribute 5.00% of wages for non-hazardous job classifications. Employees hired after September 2008 were required to contribute an additional 1% to cover the cost of medical insurance that is provided through CERS. Participating employers were required to contribute at an actuarially determined rate. Per Kentucky Revised Statute Section 78.545(33), normal contribution and past service contribution rates shall be determined by the Board on the basis of an annual valuation last proceeding the July 1 of a new biennium.

The Board may amend contribution rates as of the first day of July of the second year of a biennium, if it is determined on the basis of a subsequent actuarial valuation that amended contribution rates are necessary to satisfy requirements determined in accordance with actuarial basis adopted by the Board. For the year ended December 31, 2020, participating employers contributed 24.06% of each non-hazardous employee’s wages, which is equal to the actuarially determined rate set by the Board. For the year ended December 31, 2019, participating employers contributed 21.48% through June 30th and 24.06% thereafter, of each non-hazardous employee’s wages, which is equal to the actuarially determined rate set by the Board. The contributions are allocated to both the pension and insurance trust. The insurance trust is more fully described in Note 7. For the year ended December 31, 2020, plan members contributed 19.30% to the pension for non-hazardous job classifications. For the year ended December 31, 2019, plan members contributed 16.22% through June 30th and 19.30% thereafter, to the pension for non-hazardous job classifications. Administrative costs of Kentucky Retirement System are financed through employer contributions and investment earnings.

Plan members who began participating on, or after, January 1, 2014, are required to contribute to the Cash Balance Plan. The Cash Balance Plan is known as a hybrid plan because it has characteristics of both a defined benefit plan and a defined contribution plan. Members in the plan contribute a set percentage of their salary each month to their own account. Plan members contribute 5% of wages to their own account and 1% to the health insurance fund. The employer contribution rate is set annually by the Board based on an actuarial valuation. The employer contributes a set percentage of each member’s salary. Each month, when employer contributions are received, an employer pay credit is deposited to the member’s account. For non-hazardous members, their account is credited with a 4% employer pay credit. The employer pay credit represents a portion of the employer contribution.

The District contributed \$111,460 for the year ended December 31, 2020, or 100% of the required contribution. The District contributed \$92,829 for the year ended December 31, 2019, or 100% of the required contribution.

*Benefits* – CERS provides retirement, health insurance, death and disability benefits to Plan employees and beneficiaries. Employees are vested in the plan after five years' service.

For retirement purposes, employees are grouped into three tiers based on hire date:

Tier 1	Participation date Unreduced retirement Reduced retirement	Before September 1, 2008 27 years service or 65 years old At least 5 years service and 55 years old or 25 years service and any age
Tier 2	Participation date Unreduced retirement  Reduced retirement	September 1, 2008 - December 31, 2013 At least 5 years service and 65 years old or age 57+ and sum of service years plus age equal to 87+ At least 10 years service and 60 years old
Tier 3	Participation date Unreduced retirement  Reduced retirement	After December 31, 2013 At least 5 years service and 65 years old or age 57+ and sum of service years plus age equal to 87+ Not available

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**6. RETIREMENT PLAN (CONTINUED)**

Cost of living adjustments are provided at the discretion of the General Assembly. Retirement is based on a factor of the number of years' service and hire date multiplied by the average of the highest five years' earnings. Reduced benefits are based on factors of both of these components. Participating employees become eligible to receive the health insurance benefit after at least 180 months of service. Death benefits are provided for both death after retirement and death prior to retirement. Death benefits after retirement are \$5,000 in lump sum. Five years' service is required for death benefits prior to retirement and the employee must have suffered a duty-related death. The decedent's beneficiary will receive the higher of the normal death benefit and \$10,000 plus 25% of the decedent's monthly final rate of pay and any dependent child will receive 10% of the decedent's monthly final rate of pay up to 40% for all dependent children. Five years' service is required for nonservice-related disability benefits.

*Pension Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources* – At December 31, 2020, the District reported a liability of \$1,481,981, for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2020, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2019 and was rolled forward using generally accepted actuarial procedures. The District's proportion of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plan relative to the projected contributions of all participating entities, actuarially determined. At June 30, 2020, the District's proportion was .01932 percent, which was an increase of .00046 percent from its proportion measured as of June 30, 2019. At June 30, 2019, the District reported a liability for its proportionate share of the net pension liability of \$1,326,432. The District's proportionate share measured at June 30, 2019 was .01886 percent, which was an increase of .00125 percent from its proportion measured as of June 30, 2018.

For the year ended December 31, 2020, the District recognized pension expense of \$267,194. For the year ended December 31, 2019, the District recognized pension expense of \$254,844. At December 31, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual results	\$ 36,956	\$ -
Changes of assumptions	57,868	-
Net difference between projected and actual earnings on Plan investments	37,086	-
Changes in proportion and differences between District contributions and proportionate share of contributions	53,838	-
District contributions subsequent to the measurement date	54,602	-
<b>Total</b>	<b>\$ 240,350</b>	<b>\$ -</b>

The \$54,602 of deferred outflows of resources resulting from the District's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources as of December 31, 2020 will be recognized in pension expense as follows:

**Year ending December 31,**

2021	\$	93,339
2022	\$	58,115
2023	\$	19,400
2024	\$	14,894



**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**6. RETIREMENT PLAN (CONTINUED)**

At December 31, 2019, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual results	\$ 33,868	\$ 5,605
Changes of assumptions	134,250	-
Net difference between projected and actual earnings on Plan investments	-	21,383
Changes in proportion and differences between District contributions and proportionate share of contributions	60,737	-
District contributions subsequent to the measurement date	<u>46,767</u>	<u>-</u>
 Total	 <u>\$ 275,622</u>	 <u>\$ 26,988</u>

*Actuarial Assumptions* – The total pension liabilities in the June 30, 2020 and 2019 actuarial valuations were determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.30%	
Salary increases	3.30% to 10.30%, varies by service	
Investment rate of return	6.25%, net of Plan investment expense, including inflation	

The mortality table used for active members was a Pub-2010 General Mortality table, projected with the ultimate rates from the MP-2014 mortality improvement scale using a base year of 2010. The mortality table used for healthy retired members was a system-specific mortality table based on mortality experience from 2013-2018, projected with the ultimate rates from MP-2014 mortality improvement scale using a base year of 2020. The mortality table used for the disabled members was PUB-2010 Disabled Mortality table, with a 4-year set-forward for both male and female rates, projected with the ultimate rates from the MP-2014 mortality improvement scale using a base year of 2010.

The actuarial assumption used in the June 30, 2020 valuation was based on the results of an actuarial experience study for the period July 1, 2013 - June 30, 2018. The total pension liability was rolled-forward from the valuation date (June 30, 2019) to the plan's fiscal year ending June 30, 2020.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

**6. RETIREMENT PLAN (CONTINUED)**

The long-term expected rate of return was determined by using a building-block method in which best estimate ranges of expected future real rate of returns are developed for each asset class. The ranges are combined by weighting the expected future real rate of return by the target asset allocation percentage. As of December 31, 2020, the target allocation and best estimates of nominal real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
<b>Growth</b>	<b>62.50%</b>	
US Equity	18.75%	4.50%
Non-US Equity	18.75%	5.25%
Private Equity	10.00%	6.65%
Special credit/high yield	15.00%	3.90%
<b>Liquidity</b>	<b>14.50%</b>	
Core Bonds	13.50%	-0.25%
Cash	1.00%	-0.75%
<b>Diversifying Strategies</b>	<b>23.00%</b>	
Real Estate	5.00%	5.30%
Opportunistic	3.00%	2.25%
Real Return	15.00%	3.95%
<b>Total</b>	<b>100.00%</b>	<b>3.96%</b>
<b>Long term inflation assumption</b>		<b>2.30%</b>
<b>Expected nominal return for portfolio</b>		<b>6.25%</b>

*Discount Rate* – The discount rate used to measure the total pension liability was 6.25 percent. The projection of cash flows used to determine the discount rate assumed that local employers would contribute the actuarially determined contribution rate of projected compensation over the closed 24-year amortization period of the unfunded actuarial accrued liability. The actuarial determined contribution rate is adjusted to reflect the phase in of anticipated gains on actuarial value of assets over the first four years of the projection period. The discount rate does not use a municipal bond rate.

*Sensitivity of the District's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate* – The following presents the District's proportionate share of the net pension liability calculated using the discount rate of 6.25 percent, 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 1-percentage-point lower (5.25 percent) or 1-percentage-point higher (7.25 percent) than the current rate:

	Discount rate	District's proportionate share of net pension liability	
1% decrease	5.25%	\$	1,827,606
Current discount rate	6.25%	\$	1,481,981
1% increase	7.25%	\$	1,195,791

*Payable to the Pension Plan* – At December 31, 2020 and 2019, the District reported a payable of \$17,276 and \$11,764, respectively, for the outstanding amount of contributions payable to the pension plan. The payable includes both the pension and insurance contribution allocation.

**7. POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB)**

*Plan Description* – As more fully described in Note 6, the District participates in the County Employees' Retirement System (CERS). CERS is a cost-sharing multiple-employer defined benefit pension plan that covers substantially all regular full-time members employed in positions of each participating county, city, and school board, and any additional eligible local agencies electing to participate in the System. In addition to retirement benefits, the plan provides for health insurance benefits to plan members (other postemployment benefits or OPEB). OPEB benefits may be extended to beneficiaries of plan members under certain circumstances.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**7. POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB)**

*Contributions* – As more fully described in Note 6, plan members contribute to CERS for non-hazardous job classifications. For the year ended December 31, 2020, the employer’s contribution was 4.76% to the insurance trust for non-hazardous job classifications. For the year ended December 31, 2019, the employer’s contribution was 5.26% through June 30th and 4.76% thereafter to the insurance trust for non-hazardous job classifications. Employees hired after September 1, 2008 are required to contribute an additional 1% to cover the cost of medical insurance that is provided through CERS. Participating employers are required to contribute at an actuarially determined rate. Per Kentucky Revised Statute Section 78.545(33), normal contribution and past service contribution rates shall be determined by the Board on the basis of an annual valuation last proceeding the July 1 of a new biennium. The Board may amend contribution rates as of the first day of July of the second year of a biennium, if it is determined on the basis of a subsequent actuarial valuation that amended contribution rates are necessary to satisfy requirements determined in accordance with actuarial basis adopted by the Board. The contribution rates are equal to the actuarially determined rate set by the Board. Administrative costs of Kentucky Retirement System are financed through employer contributions and investment earnings.

For the year ended December 31, 2020, the District contributed \$27,490, or 100% of the required contribution for non-hazardous job classifications. For the year ended December 31, 2019, the District contributed \$26,182, or 100% of the required contribution for non-hazardous job classifications.

*Benefits* – CERS provides health insurance benefits to Plan employees and beneficiaries.

For retirement purposes, employees are grouped into three tiers based on hire date:

Tier 1	Participation date Insurance eligibility Benefit	Before July 1, 2003 10 years of service credit required Set percentage of single coverage health insurance based on service credit accrued at retirement
Tier 1	Participation date Insurance eligibility Benefit	Before September 1, 2008 but after July 1, 2003 10 years of service credit required Set dollar amount based on service credit accrued, increased annually
Tier 2	Participation date Insurance eligibility Benefit	After September 1, 2008 and before December 31, 2013 15 years of service credit required Set dollar amount based on service credit accrued, increased annually
Tier 3	Participation date Insurance eligibility Benefit	After December 31, 2013 15 years of service credit required Set dollar amount based on service credit accrued, increased annually

*OPEB Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources* – At December 31, 2020, the District reported a liability for its proportionate share of the net OPEB liability of \$466,447. The net OPEB liability was measured as of June 30, 2020, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2019 and was rolled forward using generally accepted actuarial procedures. At December 31, 2019, the District reported a liability for its proportionate share of the net OPEB liability of \$317,149. The net OPEB liability was measured as of June 30, 2019, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2018 and was rolled forward using generally accepted actuarial procedures.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**7. POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB) (CONTINUED)**

The District's proportion of the net OPEB liability was based on a projection of the District's long-term share of contributions to the OPEB plan relative to the projected contributions of all participating entities, actuarially determined. The District's proportionate share at June 30, 2020 was .01932 percent, which was an increase of .00046 percent from its proportion measured as of June 30, 2019. The District's proportionate share at June 30, 2019 was .01886 percent, which was an increase of .00125 percent from its proportion measured as of June 30, 2018.

For the year ended December 31, 2020, the District recognized OPEB expense of \$68,348. For the year ended December 31, 2019, the District recognized OPEB expense of \$38,591. At December 31, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual results	\$ 77,932	\$ 77,994
Changes of assumptions	81,134	493
Net difference between projected and actual earnings on Plan investments	15,503	-
Changes in proportion and differences between District contributions and proportionate share of contributions	21,630	348
District contributions subsequent to the measurement date	<u>24,915</u>	<u>-</u>
<b>Total</b>	<b><u>\$ 221,114</u></b>	<b><u>\$ 78,835</u></b>

The \$24,915 of deferred outflows of resources resulting from the District's contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ending December 31, 2021. This includes an adjustment of \$11,448 related to the implicit subsidy, which is required to be recognized as a deferred outflow of resources. Other amounts reported as deferred outflows of resources and deferred inflows of resources will be recognized in expense as follows:

**Year ending December 31,**

2021	\$	30,744
2022	\$	35,332
2023	\$	26,531
2024	\$	24,999
2025	\$	(242)

At December 31, 2019, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual results	\$ -	\$ 95,691
Changes of assumptions	93,847	628
Net difference between projected and actual earnings on Plan investments	-	14,086
Changes in proportion and differences between District contributions and proportionate share of contributions	20,207	501
District contributions subsequent to the measurement date	<u>18,344</u>	<u>-</u>
<b>Total</b>	<b><u>\$ 132,398</u></b>	<b><u>\$ 110,906</u></b>

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**7. POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB) (CONTINUED)**

*Actuarial Assumptions* – The total OPEB liability in the June 30, 2020 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

**Non-hazardous**

Inflation	2.30%
Salary increases	3.30 to 10.30%, average, including inflation
Investment rate of return	6.25%, net of Plan investment expense, including inflation
Healthcare Trend Rates	
Pre – 65	Initial trend starting at 6.40% at January 1, 2022, and gradually decreasing to an ultimate trend rate of 4.05% over a period of 14 years.
Post – 65	Initial trend starting at 2.90% at January 1, 2022, and increasing to 6.30% in 2023, then gradually decreasing to an ultimate trend rate of 4.05% over a period of 14 years.

The mortality table used for active members was a Pub-2010 General Mortality table, projected with the ultimate rates from the MP-2014 mortality improvement scale using a base year of 2010. The mortality table used for healthy retired members was a system-specific mortality table based on mortality experience from 2013-2018, projected with the ultimate rates from MP-2014 mortality improvement scale using a base year of 2019. The mortality table used for the disabled members was PUB-2010 Disabled Mortality table, with a 4-year set-forward for both male and female rates, projected with the ultimate rates from the MP-2014 mortality improvement scale using a base year of 2010.

The actuarial assumption used in the June 30, 2020 valuation was based on the results of an actuarial experience study for the period July 1, 2013 - June 30, 2018. The total OPEB liability was rolled-forward from the valuation date (June 30, 2019) to the plan's fiscal year ending June 30, 2020.

The long-term expected rate of return was determined by using a building-block method in which best estimate ranges of expected future real rate of returns are developed for each asset class. The ranges are combined by weighting the expected future real rate of return by the target asset allocation percentage. The target allocation and best estimates of arithmetic real rate of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
<b>Growth</b>	<b>62.50%</b>	
US Equity	18.75%	4.50%
Non-US Equity	18.75%	5.25%
Private Equity	10.00%	6.65%
Special credit/high yield	15.00%	3.90%
<b>Liquidity</b>	<b>14.50%</b>	
Core Bonds	13.50%	-0.25%
Cash	1.00%	-0.75%
<b>Diversifying Strategies</b>	<b>23.00%</b>	
Real Estate	5.00%	5.30%
Opportunistic	3.00%	2.25%
Real Return	15.00%	3.95%
<b>Total</b>	<b>100.00%</b>	<b>3.96%</b>
<b>Long term inflation assumption</b>		<b>2.30%</b>
<b>Expected nominal return for portfolio</b>		<b>6.25%</b>

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2020 and 2019**

---

**7. POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB) (CONTINUED)**

*Discount Rate* – The discount rate used to measure the total OPEB liability as of June 30, 2020, was 5.34%, for non-hazardous classifications. The projection of cash flows used to determine the discount rate assumed that local employers would contribute the actuarially determined contribution rate of projected compensation over the remaining 24-year amortization period of the unfunded actuarial accrued liability. As of June 30, 2020, the discount rate determination used an expected rate of return of 6.25%, and a municipal bond rate of 2.45%, as reported in Fidelity Index’s “20 –Year Municipal GO AA Index”. However, the cost associated with the implicit employer subsidy was not included in the calculation of the System’s actuarial determined contributions, and any cost associated with the implicit subsidy will not be paid out of the System’s trusts. Therefore, the municipal bond rate was applied to future expected benefit payments associated with the implicit subsidy.

*Sensitivity of the District’s Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate* – The following presents the District’s proportionate share of the net OPEB liability calculated using the discount rate as well as what the District’s proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	<b>Discount rate</b>	<b>Proportionate share of net OPEB liability</b>
1% decrease	4.34%	\$ 599,247
Current discount rate	5.34%	\$ 466,447
1% increase	6.34%	\$ 357,373

*Sensitivity of the District’s Proportionate Share of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rate* – The following presents the District’s proportionate share of the net OPEB liability calculated using healthcare cost trend rates that are 1-percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	<b>Proportionate share of net OPEB liability</b>
1% decrease	\$ 361,146
Current trend rate	\$ 466,447
1% increase	\$ 594,231

*OPEB plan fiduciary net position* – Detailed information about the OPEB plan’s fiduciary net position is available in the separately issued financial report.

**8. RISK MANAGEMENT**

The District is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. In addition to its general liability insurance, the District also carries commercial insurance for all other risks of loss such as worker’s compensation and employee health and accident coverage. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three fiscal years.

**9. CONSTRUCTION COMMITMENTS**

The District regularly engages in construction projects to expand water lines and access throughout its service area. The District generally applies for grant money to fund these projects. As of December 31, 2020 and 2019, the District had construction in progress of \$351,478 and \$606,656, respectively, related to various small projects.

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
**December 31, 2020 and 2019**

---

**10. PSC RATE CASE**

**PSC Order – Water Rate Case 2019-00268**

On July 31, 2019, the District filed an application with the Public Service Commission (PSC), requesting to adjust its rate for water service. In the application, the District requested rates that were estimated to increase annual water sales revenues by \$1,002,832, a 47.56% increase. Following an intensive analysis, the PSC ordered on January 31, 2020, the District to increase rates with a two-year phase in process. The retail water service rates in year one are calculated in order to recover approximately 66.6 percent of the retail revenue increase and the rates in year two are calculated in order to recover the full amount of the retail revenue increase for the District. In conclusion, the PSC determined that a revenue increase of \$646,151 from water service rates was necessary to generate the overall revenue requirement for the District.

**11. COVID-19 PANDEMIC**

During 2020 and 2021, various restrictions were placed on utilities in the state of Kentucky in response to the COVID-19 pandemic. These restrictions included the cessation of utility shutoffs and the charging of penalties due to nonpayment of bills. As a result of these orders and the impact of COVID-19 on the District's customers, there has been an increase in delinquent billings as of December 31, 2020. The District is working to establish payment plans with customers who have delinquent bills in an attempt to ensure continuous service and the collection of past due balances. The District has increased the allowance for doubtful accounts to \$25,000 as of December 31, 2020, as an estimate of the total amount of accounts receivable that will not be collectible.

**12. SUBSEQUENT EVENT**

In March 2021, the District obtained a loan for approximately \$302,000. The loan was used to consolidate the debt of the District and payoff existing loans and bonds. The loan has an interest rate of 2.75% and matures on March 5, 2026.

**REQUIRED SUPPLEMENTARY INFORMATION**



**KNOTT COUNTY WATER AND SEWER DISTRICT  
REQUIRED SUPPLEMENTARY SCHEDULE  
PROPORTIONATE SHARE OF THE NET PENSION LIABILITY  
Last Five Years**

---

<b>Reporting Year End</b>	<b>December 31, 2016</b>	<b>December 31, 2017</b>	<b>December 31, 2018</b>	<b>December 31, 2019</b>	<b>December 31, 2020</b>
<b>(Measurement Date)</b>	<b>(June 30, 2016)</b>	<b>(June 30, 2017)</b>	<b>(June 30, 2018)</b>	<b>(June 30, 2019)</b>	<b>(June 30, 2020)</b>
District's proportion of the net pension liability	0.01672%	0.01727%	0.01761%	0.01886%	0.01932%
District's proportionate share of the net pension liability (asset)	\$ 823,295	\$ 1,010,749	\$ 1,072,442	\$ 1,326,432	\$ 1,481,981
District's covered employee payroll	\$ 442,662	\$ 460,392	\$ 476,238	\$ 514,991	\$ 568,340
District's share of the net pension liability (asset) as a percentage of its covered employee payroll	185.99%	219.54%	225.19%	257.56%	260.76%
Plan fiduciary net position as a percentage of the total pension liability	55.50%	53.32%	53.54%	50.45%	47.81%

**Notes:**

The above schedule will present 10 years of historical data, once available.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
REQUIRED SUPPLEMENTARY SCHEDULE  
CONTRIBUTIONS - PENSION  
Last Five Calendar Years**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Contractually required employer contribution	\$ 60,741	\$ 63,249	\$ 77,086	\$ 92,829	\$ 111,460
Contributions relative to contractually required employer contribution	<u>60,741</u>	<u>63,249</u>	<u>77,086</u>	<u>92,829</u>	<u>111,460</u>
Contribution deficiency (excess)	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>
 District's covered employee payroll	 \$ 435,595	 \$ 447,451	 \$ 504,764	 \$ 530,184	 \$ 614,689
Employer contributions as a percentage of covered-employee payroll	13.94%	14.14%	15.27%	17.51%	18.13%

Notes:

The above schedule will present 10 years of historical data, once available.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
REQUIRED SUPPLEMENTARY SCHEDULE  
PROPORTIONATE SHARE OF THE NET OPEB LIABILITY  
Last Five Calendar Years**

---

<b>Reporting Year End</b>	<b>December 31, 2016</b>	<b>December 31, 2017</b>	<b>December 31, 2018</b>	<b>December 31, 2019</b>	<b>December 31, 2020</b>
<b>(Measurement Date)</b>	<b>(June 30, 2016)</b>	<b>(June 30, 2017)</b>	<b>(June 30, 2018)</b>	<b>(June 30, 2019)</b>	<b>(June 30, 2020)</b>
District's proportion of the net OPEB liability	0.01727%	0.01727%	0.01761%	0.01886%	0.01932%
District's proportionate share of the net OPEB liability (asset)	\$ 272,291	\$ 347,146	\$ 312,627	\$ 317,149	\$ 466,447
District's covered employee payroll	\$ 442,662	\$ 460,392	\$ 476,238	\$ 514,991	\$ 568,340
District's share of the net OPEB liability (asset) as a percentage of its covered employee payroll	61.51%	75.40%	65.65%	61.58%	82.07%
Plan fiduciary net position as a percentage of the total OPEB liability	unavailable	52.39%	57.62%	60.44%	51.67%

**Notes:**

The above schedule will present 10 years of historical data, once available.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
REQUIRED SUPPLEMENTARY SCHEDULE  
CONTRIBUTIONS - OPEB  
Last Five Years**

---

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Contractually required employer contribution	\$ 21,446	\$ 20,757	\$ 25,543	\$ 26,182	\$ 27,490
Contributions relative to contractually required employer contribution	<u>21,446</u>	<u>20,757</u>	<u>25,543</u>	<u>26,182</u>	<u>27,490</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District's covered employee payroll	\$ 435,595	\$ 447,451	\$ 504,764	\$ 530,184	\$ 614,689
Employer contributions as a percentage of covered-employee payroll	4.92%	4.64%	5.06%	4.94%	4.47%

Notes:

The above schedule will present 10 years of historical data, once available.

**KNOTT COUNTY WATER AND SEWER DISTRICT**  
**NOTES TO REQUIRED SUPPLEMENTARY INFORMATION**  
**December 31, 2020 and 2019**

---

**1. GENERAL INFORMATION**

**Contributions**

Contractually required employer contributions reported on the Schedule of Contributions - Pensions exclude the portion of contributions paid to CERS but allocated to the insurance fund of the CERS. The insurance contributions are reported on the Schedule of Contributions - OPEB.

**Payroll**

The District's covered payroll reported on the Schedule of Proportionate Share of the Net Pension Liability and the Schedule of Proportionate Share of the Net OPEB Liability is for the corresponding measurement date of the net liabilities and differs from the District's calendar year payroll as reported on the Schedule of Contributions for Pension and OPEB.

**2. CHANGES OF ASSUMPTIONS**

**December 31, 2020 – Pension and OPEB**

The following change in assumptions was made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2020, for OPEB:

- The initial healthcare trend rate for pre-65 was changed from 7% to 6.40%. The initial healthcare trend rate for post-65 was changed from 5% to 2.90%, which increases to 6.30% in 2023.

**December 31, 2019 – Pension and OPEB**

The following changes in assumptions were made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2019, for both pension and OPEB:

- The assumed rate of salary increases was increased from 3.05% to 3.3% to 10.3% on average for non-hazardous and 3.05% to 3.55% to 19.05% on average for hazardous.

**December 31, 2018 – Pension and OPEB**

There were no changes in assumptions made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2018 for either pension or OPEB.

**December 31, 2017 – Pension**

The following changes in assumptions were made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2017:

- The assumed rate of return was decreased from 7.5% to 6.25%.
- The assumed rate of inflation was reduced from 3.25% to 2.3%.
- Payroll growth assumption was reduced from 4% to 2%

**December 31, 2016 – Pension and OPEB**

There were no changes in assumptions made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2016 for either pension or OPEB.

**KNOTT COUNTY WATER AND SEWER DISTRICT  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION  
December 31, 2020 and 2019**

---

**2. CHANGES OF ASSUMPTIONS (CONTINUED)**

**December 31, 2015 – Pension**

The following changes in assumptions were made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2015:

- The assumed rate of return was decreased from 7.75% to 7.5%.
- The assumed rate of inflation was reduced from 3.5% to 3.25%.
- The assumed rate of wage inflation was reduced from 1% to .75%.
- Payroll growth assumption was reduced from 4.5% to 4%.
- Mortality rates were based on the RP-2000 Combined Mortality Table projected with Scale BB to 2013 (multiplied by 50% for males and 30% for females).
- For healthy retired members and beneficiaries, the mortality table used is the RP-2000 Combined Mortality Table projected with Scale BB to 2013 (set back 1 year for females).
- For Disabled members, the RP-2000 Combined Disabled Mortality Table projected with Scale BB to 2013 (set back 4 years for males) is used for the period after disability retirement.
- The assumed rates of retirement, withdrawal, and disability were updated to reflect experience more accurately.

**December 31, 2014 – Pension**

There were no changes in assumptions made by the Kentucky Legislature and reflected in the valuation performed as of June 30, 2014.

**December 31, 2013 – Pension**

The following assumptions were made by the Kentucky Legislature and reflected in the initial valuation performed as of June 30, 2013:

- The assumed rate of return was 7.75%.
- The assumed rate of inflation was 3.5%.
- The assumed rate of wage inflation was 1%.
- Payroll growth assumption was 4.5%.
- Mortality rates were based on the 1983 Group Annuity Mortality Table for all retired members and beneficiaries as of June 30, 2006. The 1994 Group Annuity Mortality Table was used for all other members.

**SUPPLEMENTARY INFORMATION**

**KNOTT COUNTY WATER AND SEWER DISTRICT  
BUDGETARY COMPARISON SCHEDULE  
for the year ended December 31, 2020**

	Original Budget	Appropriated Budget	Actual Amount	Variance with Final Budget Favorable (Unfavorable)
<b>OPERATING INCOME</b>				
Water service	\$ 2,254,000	\$ 2,254,000	\$ 2,775,935	\$ 521,935
Sewer service	-	-	89,192	89,192
Penalties	-	-	7,283	7,283
Miscellaneous income	50,000	50,000	5,619	(44,381)
Reconnection and collection fees	-	-	656	656
	<u>2,304,000</u>	<u>2,304,000</u>	<u>2,878,685</u>	<u>574,685</u>
Total operating income				
<b>OPERATING EXPENSES</b>				
Salaries and fringe benefits	870,681	870,681	1,115,674	(244,993)
Commissioners	30,200	30,200	18,500	11,700
Office and advertising expense	1,000	1,000	12,249	(11,249)
Water consumption	96,000	96,000	100,289	(4,289)
Electricity	450,000	450,000	444,962	5,038
Telephone	14,500	14,500	16,801	(2,301)
Travel and training	5,000	5,000	3,481	1,519
Rents	1,000	1,000	556	444
Contractual fees	194,500	194,500	297,948	(103,448)
Vehicle expense	45,000	45,000	40,658	4,342
Operating supplies and maintenance	398,800	398,800	412,524	(13,724)
Licenses, permits, dues, and fees	8,000	8,000	9,706	(1,706)
Bad debt expense	-	-	11,000	(11,000)
Insurance and bonds	60,500	60,500	62,421	(1,921)
	<u>2,175,181</u>	<u>2,175,181</u>	<u>2,546,769</u>	<u>(371,588)</u>
Total operating expense				
Operating income (loss) before depreciation	128,819	128,819	331,916	203,097
Depreciation expense	<u>1,322,344</u>	<u>1,322,344</u>	<u>1,392,997</u>	<u>(70,653)</u>
<b>OPERATING (LOSS)</b>	(1,193,525)	(1,193,525)	(1,061,081)	132,444
Non-operating income (expenses)				
Interest income	-	-	8,840	8,840
Interest expense	<u>(15,105)</u>	<u>(15,105)</u>	<u>(14,731)</u>	<u>374</u>
<b>(LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	(1,208,630)	(1,208,630)	(1,066,972)	141,658
Capital contributions				
Tap fees	-	-	45,890	45,890
Contributed capital	<u>-</u>	<u>-</u>	<u>383,523</u>	<u>383,523</u>
<b>CHANGE IN NET POSITION</b>	<u>\$ (1,208,630)</u>	<u>\$ (1,208,630)</u>	<u>\$ (637,559)</u>	<u>\$ 571,071</u>

Note 1: Adjustments to account for the changes in the net pension and net OPEB liabilities resulted in an increase in salaries and fringe benefits expense of \$192,345. Due to the uncertainty of the impact of the required net pension and OPEB liability adjustments on expense, an amount was not included in the enacted budget for the current year change in the net pension and OPEB liability.



**KNOTT COUNTY WATER AND SEWER DISTRICT  
BUDGETARY COMPARISON SCHEDULE  
for the year ended December 31, 2019**

	<b>Original Budget</b>	<b>Appropriated Budget</b>	<b>Actual Amount</b>	<b>Variance with Final Budget Favorable (Unfavorable)</b>
<b>OPERATING INCOME</b>				
Water service	\$ 2,181,000	\$ 2,181,000	\$ 2,160,378	\$ (20,622)
Sewer service	-	-	94,640	94,640
Penalties	-	-	18,043	18,043
Miscellaneous income	210,000	210,000	45,115	(164,885)
Reconnection and collection fees	-	-	1,074	1,074
	<u>2,391,000</u>	<u>2,391,000</u>	<u>2,319,250</u>	<u>(71,750)</u>
<b>OPERATING EXPENSES</b>				
Salaries and fringe benefits	842,682	842,682	1,055,154	(212,472)
Commissioners	30,200	30,200	28,900	1,300
Office and advertising expense	1,000	1,000	6,300	(5,300)
Water consumption	95,000	95,000	80,724	14,276
Electricity	475,000	475,000	437,602	37,398
Telephone	13,000	13,000	15,004	(2,004)
Travel and training	4,500	4,500	5,789	(1,289)
Rents	-	-	471	(471)
Contractual fees	189,000	189,000	223,818	(34,818)
Vehicle expense	45,000	45,000	47,465	(2,465)
Operating supplies and maintenance	515,820	515,820	378,715	137,105
Licenses, permits, dues, and fees	7,250	7,250	6,858	392
Insurance and bonds	63,000	63,000	57,521	5,479
	<u>2,281,452</u>	<u>2,281,452</u>	<u>2,344,321</u>	<u>(62,869)</u>
Total operating expense	<u>2,281,452</u>	<u>2,281,452</u>	<u>2,344,321</u>	<u>(62,869)</u>
Operating income before depreciation	109,548	109,548	(25,071)	(134,619)
Depreciation expense	<u>1,310,520</u>	<u>1,310,520</u>	<u>1,364,456</u>	<u>(53,936)</u>
<b>OPERATING (LOSS)</b>	<b>(1,200,972)</b>	<b>(1,200,972)</b>	<b>(1,389,527)</b>	<b>(188,555)</b>
Non-operating income (expenses)				
Interest income	-	-	6,153	6,153
Refunds to customers	-	-	(282)	(282)
Interest expense	<u>(18,037)</u>	<u>(18,037)</u>	<u>(18,147)</u>	<u>(110)</u>
<b>(LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	<b>(1,219,009)</b>	<b>(1,219,009)</b>	<b>(1,401,803)</b>	<b>(182,794)</b>
Capital contributions				
Tap fees	-	-	31,409	31,409
Contributed capital	-	-	<u>2,300,901</u>	<u>2,300,901</u>
<b>CHANGE IN NET POSITION</b>	<b><u>\$ (1,219,009)</u></b>	<b><u>\$ (1,219,009)</u></b>	<b><u>\$ 930,507</u></b>	<b><u>\$ 2,149,516</u></b>

Note 1: Adjustments to account for the changes in the net pension and net OPEB liabilities resulted in an increase in salaries and fringe benefits expense of \$175,882. Due to the uncertainty of the impact of the required net pension and OPEB liability adjustments on expense, an amount was not included in the enacted budget for the current year change in the net pension and OPEB liability.



CPAs | Consultants

Members American Institute of Certified Public Accountants  
and Kentucky Society of Certified Public Accountants

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

The Board of Commissioners  
Knott County Water and Sewer District  
Vicco, Kentucky

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Knott County Water and Sewer District (the District) as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise the Knott County Water and Sewer District's basic financial statements and have issued our report thereon dated March 23, 2021.

**Internal Control over Financial Reporting**

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

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

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did identify a certain deficiency in internal control, described in the accompanying schedule of findings and questioned costs as item 2020-001, that we consider to be a material weakness.

**Compliance and Other Matters**

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

### **Knott County Water and Sewer District's Response to Findings**

The Knott County Water and Sewer District's response to the findings identified in our audit is described in the accompanying schedule of findings and questioned costs. The Knott County Water and Sewer District's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

**RFH**

RFH, PLLC  
Lexington, Kentucky  
March 23, 2021

**KNOTT COUNTY WATER AND SEWER DISTRICT  
SCHEDULE OF FINDINGS AND RESPONSES  
for the year ended December 31, 2020**

---

**I. FINDINGS RELATED TO FINANCIAL STATEMENTS**

**2020-001 – Internal Control over Financial Reporting**

**Criteria:**

The District is required to have internal controls in place that enable it to prepare complete financial statements, including note disclosures, in compliance with generally accepted accounting principles.

**Condition:**

Management engaged the auditor to prepare draft financial statements, including the related notes to the financial statements.

**Cause:**

The District lacks personnel with the expertise to prepare its financial statements, including related note disclosures, in conformity with generally accepted accounting principles.

**Effect:**

The auditor prepared draft financial statements, including the related notes to the financial statements. Management reviewed, approved and accepted responsibility for the financial statements prior to their issuance.

**Recommendation:**

We recommend management review the costs and benefits involved to retain a consultant with the required expertise to prepare the financial statements.

**RESPONSE:**

This is an ongoing finding. Management has determined that it is more cost effective to continue to engage the auditor to draft the financial statements and related notes. Management has reviewed and accepts responsibility for the financial statements.

**II. PRIOR AUDIT FINDINGS**

**Finding 2019-001 – Internal Control over Financial Reporting**

*Status: Repeated as Finding 2020-001*

**Finding 2019-002 – Board Member Health Insurance**

*Status: Resolved during the year ended December 31, 2020.*